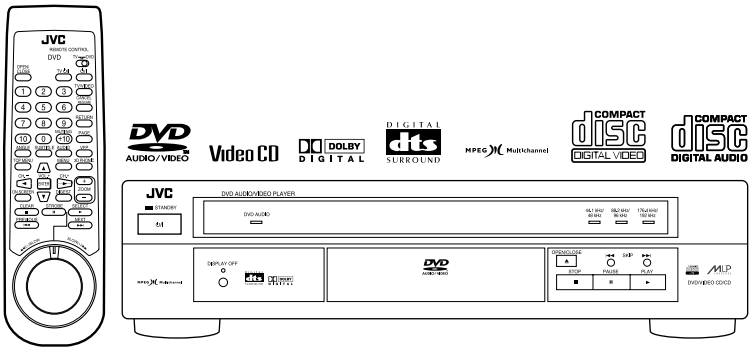
JVC

SERVICE MANUAL

DVD AUDIO/VIDEO PLAYER

XV-D721BK
XV-D723GD



Area Suffix	
XV-D721BK	
J	U.S.A
C	Canada
EG	Germany
ES	Spain
EN	Northern Europe
EE	Russian Federation
1U	US Minitary

Area Suffix	
XV-D723GD	
A	Australia
J	U.S.A
EG	Germany
ES	Singapore
EN	Northern Europe
UF	China
4U	Brazil,Mexico,Peru

Contents

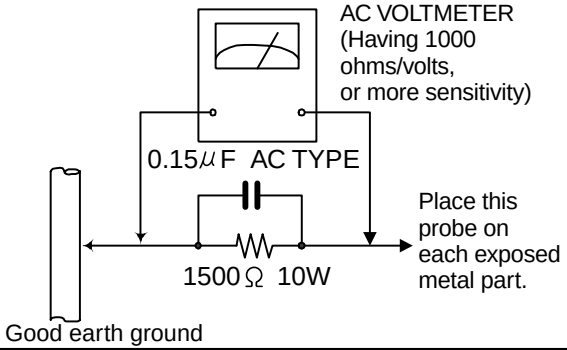
Safety Precautions ---------- 1-2
Preventing static electricity ---------- 1-3
Important for laser products ---------- 1-4
Importance Admistering point on the Safety ---------- 1-5
Disassembly method ---------- 1-6
Adjustment method ---------- 1-11
Description of major ICs ---------- 1-18

This service manual is printed on 100% recycled paper.
COPYRIGHT © 2000 VICTOR COMPANY OF JAPAN, LTD.

No.A0002
Nov. 2000

Safety Precautions

1. This design of this product contains special hardware and many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Services should be performed by qualified personnel only.
2. Alterations of the design or circuitry of the product should not be made. Any design alterations of the product should not be made. Any design alterations or additions will void the manufacturer`s warranty and will further relieve the manufacture of responsibility for personal injury or property damage resulting therefrom.
3. Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the Parts List of Service Manual. Electrical components having such features are identified by shading on the schematics and by (⚠) on the Parts List in the Service Manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement parts shown in the Parts List of Service Manual may create shock, fire, or other hazards.
4. The leads in the products are routed and dressed with ties, clamps, tubings, barriers and the like to be separated from live parts, high temperature parts, moving parts and/or sharp edges for the prevention of electric shock and fire hazard. When service is required, the original lead routing and dress should be observed, and it should be confirmed that they have been returned to normal, after re-assembling.
5. Leakage currnet check (Electrical shock hazard testing)
   After re-assembling the product, always perform an isolation check on the exposed metal parts of the product (antenna terminals, knobs, metal cabinet, screw heads, headphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.
   Do not use a line isolation transformer during this check.
   - Plug the AC line cord directly into the AC outlet. Using a "Leakage Current Tester", measure the leakage current from each exposed metal parts of the cabinet , particularly any exposed metal part having a return path to the chassis, to a known good earth ground. Any leakage current must not exceed 0.5mA AC (r.m.s.)
   - Alternate check method
     Plug the AC line cord directly into the AC outlet. Use an AC voltmeter having, 1,000 ohms per volt or more sensitivity in the following manner. Connect a 1,500Ω 10W resistor paralleled by a 0.15μF AC-type capacitor between an exposed metal part and a known good earth ground.
     Measure the AC voltage across the resistor with the AC voltmeter.
     Move the resistor connection to eachexposed metal part, particularly any exposed metal part having a return path to the chassis, and meausre the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. voltage measured Any must not exceed 0.75 V AC (r.m.s.). This corresponds to 0.5 mA AC (r.m.s.).



Warning

1. This equipment has been designed and manufactured to meet international safety standards.
2. It is the legal responsibility of the repairer to ensure that these safety standards are maintained.
3. Repairs must be made in accordance with the relevant safety standards.
4. It is essential that safety critical components are replaced by approved parts.
5. If mains voltage selector is provided, check setting for local voltage.

⚠ ***CAUTION*** **Burrs formed during molding may be left over on some parts of the chassis. Therefore, pay attention to such burrs in the case of preforming repair of this system.**

Preventing static electricity

Electrostatic discharge (ESD), which occurs when static electricity stored in the body, fabric, etc. is discharged, can destroy the laser diode in the traverse unit (optical pickup). Take care to prevent this when performing repairs.

1.1. Grounding to prevent damage by static electricity

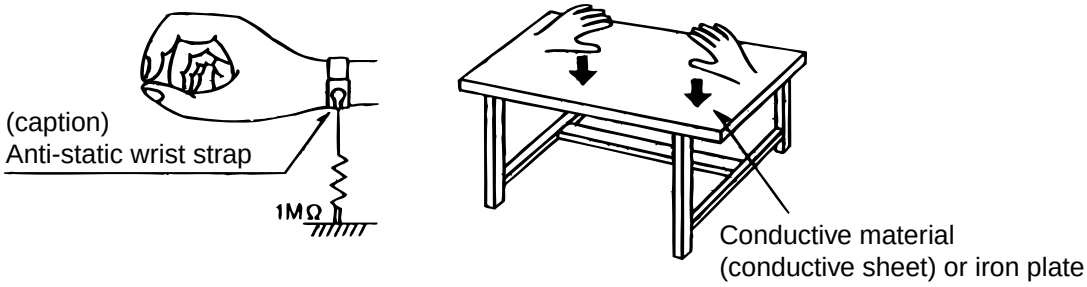
Static electricity in the work area can destroy the optical pickup (laser diode) in devices such as DVD players. Be careful to use proper grounding in the area where repairs are being performed.

1.1.1. Ground the workbench

1. Ground the workbench by laying conductive material (such as a conductive sheet) or an iron plate over it before placing the traverse unit (optical pickup) on it.

1.1.2. Ground yourself

1. Use an anti-static wrist strap to release any static electricity built up in your body.



1.1.3. Handling the optical pickup

1. In order to maintain quality during transport and before installation, both sides of the laser diode on the replacement optical pickup are shorted. After replacement, return the shorted parts to their original condition. (Refer to the text.)

2. Do not use a tester to check the condition of the laser diode in the optical pickup. The tester's internal power source can easily destroy the laser diode.

1.2. Handling the traverse unit (optical pickup)

1. Do not subject the traverse unit (optical pickup) to strong shocks, as it is a sensitive, complex unit.

2. Cut off the shorted part of the flexible cable using nippers, etc. after replacing the optical pickup. For specific details, refer to the replacement procedure in the text. Remove the anti-static pin when replacing the traverse unit. Be careful not to take too long a time when attaching it to the connector.

3. Handle the flexible cable carefully as it may break when subjected to strong force.

4. It is not possible to adjust the semi-fixed resistor that adjusts the laser power. Do not turn it

Important for Laser Products

1.CLASS 1 LASER PRODUCT

2.DANGER : Invisible laser radiation when open and inter lock failed or defeated. Avoid direct exposure to beam.

3.CAUTION : There are no serviceable parts inside the Laser Unit. Do not disassemble the Laser Unit. Replace the complete Laser Unit if it malfunctions.

4.CAUTION : The compact disc player uses invisible laserradiation and is equipped with safety switches whichprevent emission of radiation when the drawer is open and the safety interlocks have failed or are de feated. It is dangerous to defeat the safety switches.

5.CAUTION : If safety switches malfunction, the laser is able to function.

6.CAUTION : Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

⚠ ***CAUTION*** **Please use enough caution not to see the beam directly or touch it in case of an adjustment or operation check.**

VARNING : Osynlig laserstrålning är denna del är öppnad och spårren är urkopplad. Betrakta ej strålen.

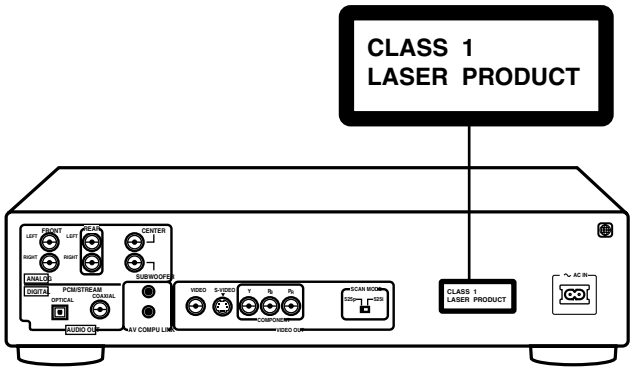
VARO : Avattaessa ja suojalukitus ohitettaessa olet alttiina näkymättömälle lasersäteilylle.Älä katso säteeseen.

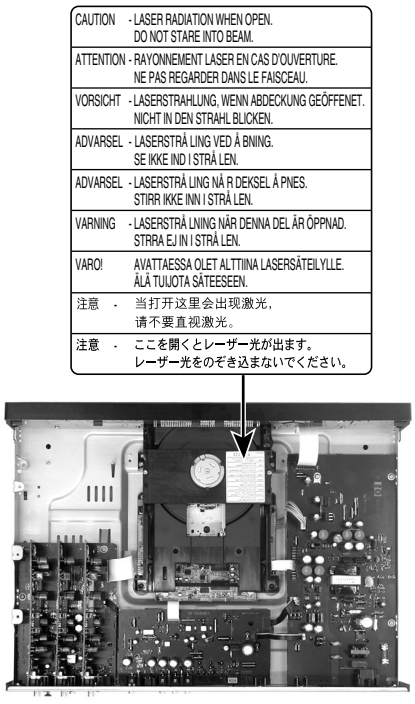
ADVARSEL : Usynlig laserstråling ved åbning , når sikkerhedsafbrydere er ude af funktion. Undgå udsættelse for stråling.

ADVARSEL : Usynlig laserstråling ved åpning,når sikkerhetsbryteren er avslott. unngå utsettelse for stråling.

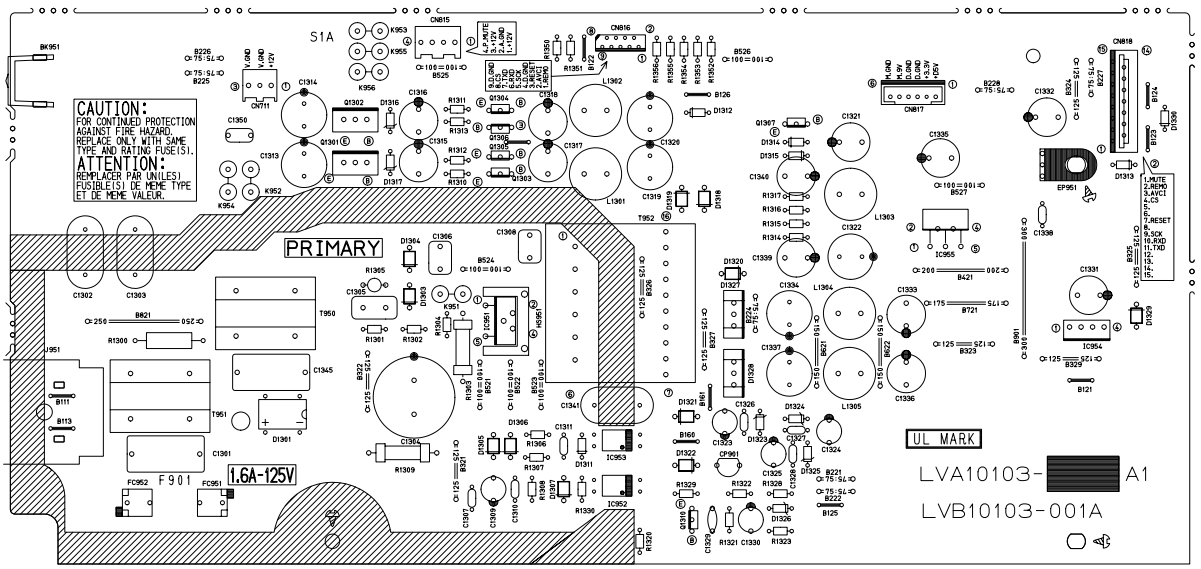
REPRODUCTION AND POSITION OF LABELS

WARNING LABEL




CAUTION - LASER RADIATION WHEN OPEN. DO NOT STARE INTO BEAM.
ATTENTION - RAYONNEMENT LASER EN CAS D'OUVERTURE. NE PAS REGARDER DANS LE FAISCEAU.
VORSICHT - LASERSTRAHLUNG, WENN ABDECKUNG GEÖFFENET. NICHT IN DEN STRAHL BLICKEN.
ADVARSEL - LASERSTRÅ LING VED Å BNING. SE IKKE IND I STRÅ LEN.
ADVARSEL - LASERSTRÅ LING NÅ R DEKSEL Å PNES. STIRR IKKE INN I STRÅ LEN.
VARNING - LASERSTRÅ LNING NÄR DENNA DEL ÄR ÖPPNAD. STRRA EJ IN I STRÅ LEN.
VARO! AVATTAESSA OLET ALTTIINA LASERSÄTEILYLLE. ÄLÄ TUIJOTA SÄTEESEEN.
注意 - 当打开这里会出现激光，请不要直视激光。
注意 - ここを開くとレーザー光が出ます。レーザー光をのぞき込まないでください。

Importance Admistering point on the Safety



Note : It's means "J" for U.S.A. market model and "C" for canada market model.

XV-D721BK/XV-D723GD C/J ONLY	XV-721BK/XV-723GD C/J SEULEMENT
Full Fuse Replacement Marking Graphic symbol mark (This symbol means fast blow type fuse.) should be read as follows ;	**Marquage Pour Le Remplacement Complet De Fusible** Le symbole graphique (Ce symbole signifie fusible de type á fusion rapide.) doit être interprété comme suit ;
FUSE CAUTION	**PRECAUTIONS SUR LES FUSIBLES**
FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE ONLY WITH SAME TYPE AND RATING OF FUSES ; **F901 : 1.6 A / 125 V**	**POUR UNE PROTECTION CONTINUE CONTRE DES RISQUES D'INCENDIE, REMPLACER SEULEMENT PAR UN FUSIBLE DU MEME TYPE ;** **F901 : 1.6 A / 125 V**

Disassembly method

< Main body>

■Removing the top cover (See Fig.1)

1. Remove the four screws A on each side of the body.
2. Remove the two screws B on the back of the body.
3. Remove the top cover from behind in the direction of the arrow while pulling the lower part of the sides.

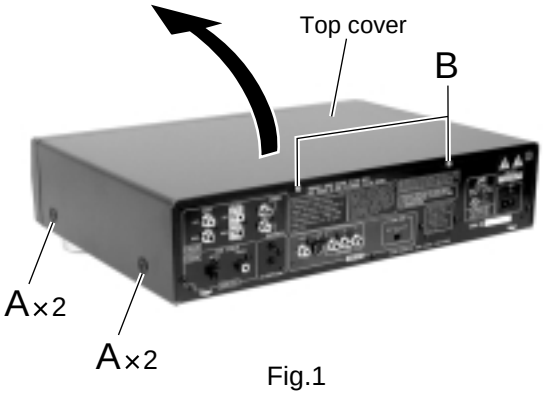


Fig.1

■Removing the rear panel (See Fig.2)

・Prior to performing the following procedure, remove the top cover.

1. Remove the sixteen screws C on the back of the body.

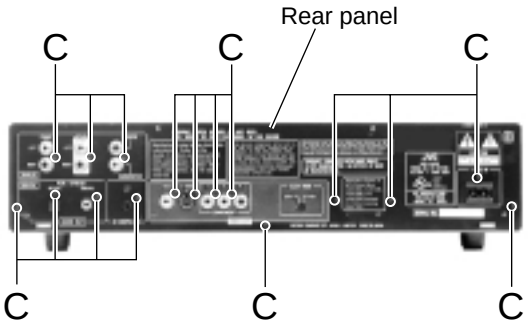


Fig.2

■Removing the fitting (See Fig.3 to 5)

・Prior to performing the following procedure, remove the top cover.

ATTENTION: To remove the front panel assembly and the DVD mechanism assembly, remove the fitting in advance.

1. Lower the mechanism by moving the lever marked a in the direction of the arrow from the upside of the body (Refer to Fig.3).
2. Manually eject the loading tray toward the front.
3. Remove the fitting from the loading tray by releasing the joints b on the both sides of the fitting.
4. Push and return the loading tray.

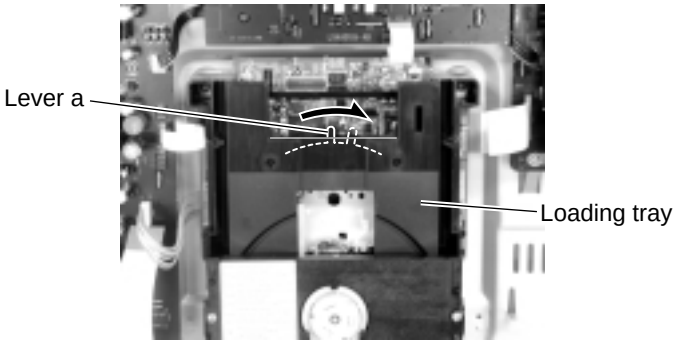


Fig.3

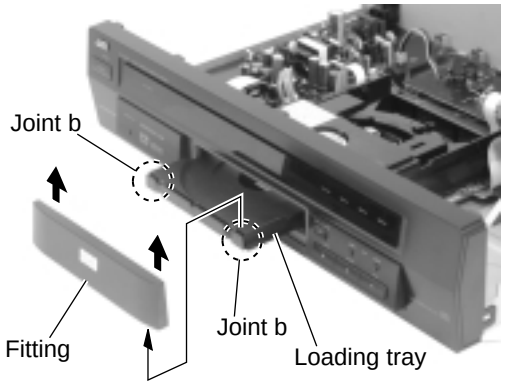


Fig.5

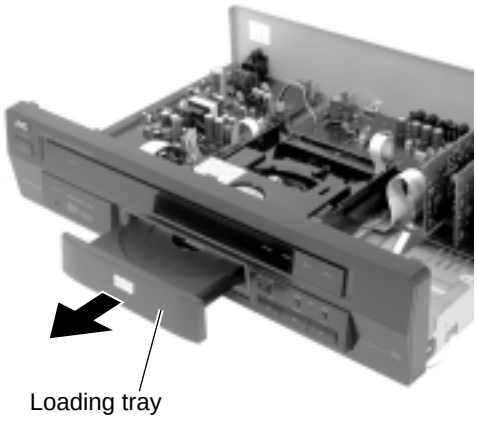


Fig.4

■Removing the front panel assembly (See Fig.6 to 9)

・Prior to performing the following procedure, remove the top cover and the fitting.

1. Disconnect the card wire from connector CN818 on the regulator board.

2. Turn back the body and remove the three screws D fixing the front panel assembly.

3. Release the two joints c on both sides of the body and remove the front panel assembly toward the front.

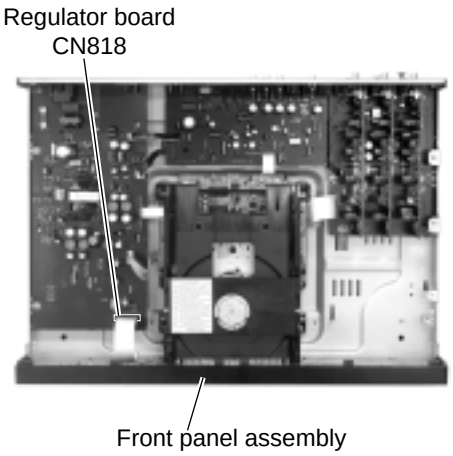


Fig.6

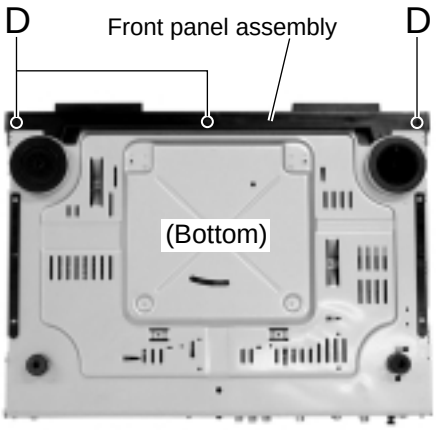


Fig.7

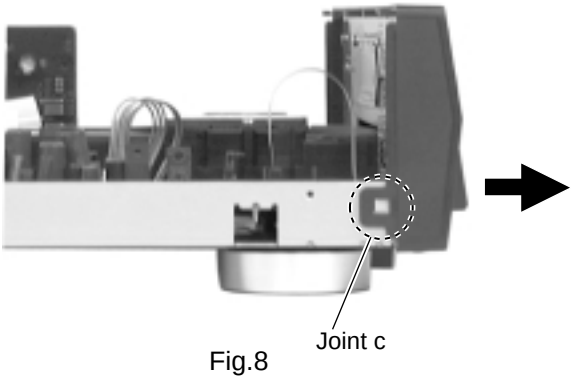


Fig.8

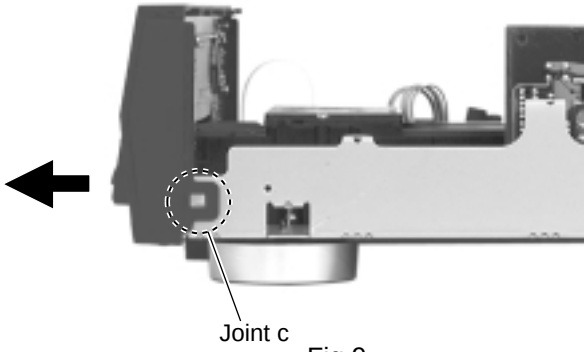


Fig.9

■Removing the DVD mechanism
(See Fig.10)

- Prior to performing the following procedure, remove the top cover and the fitting.
- It is not necessary to remove the front panel assembly.

1. Disconnect the card wire from connector CN816 and the harness from CN817 on the regulator board.
2. Disconnect the card wire from connector CN701 on the video board.
3. Disconnect the card wire from CN831 on the DSP board.
4. Remove the four screws E and the DVD mechanism assembly by pulling out from the front panel assembly backward.

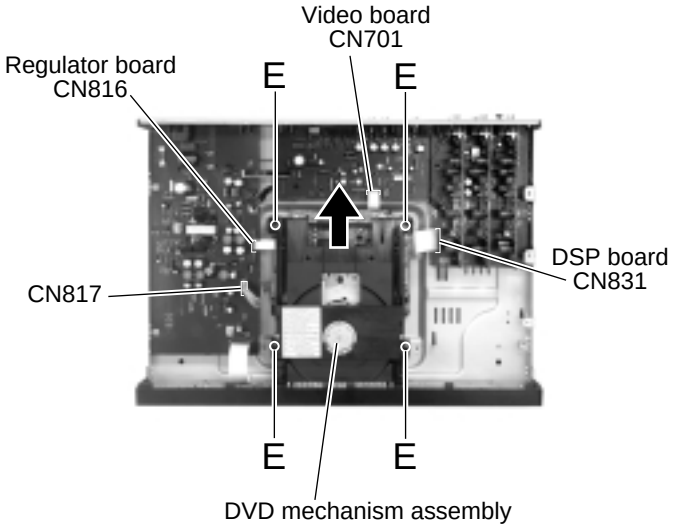


Fig.10

■Removing the regulator board
(See Fig.11 and 12)

- Prior to performing the following procedure, remove the top cover.
- It is not necessary to remove the rear panel.

1. Disconnect the card wire from connector CN816 and CN818 and the harnesses from CN815,CN817 and CN711 on the regulator board.
2. Remove the three screws F attaching the regulator board.
3. Remove the two screws C on the rear panel.

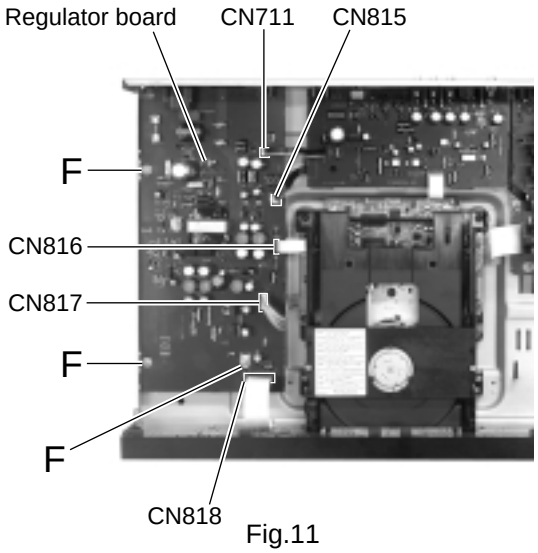


Fig.11

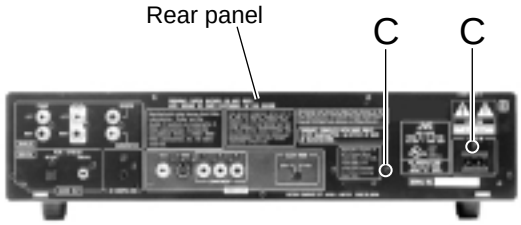


Fig.12

■Removing the video board (See Fig.13 and 14)

・Prior to performing the following procedure, remove the top cover.

Ref. : It is not necessary to remove the rear panel.

1. Disconnect the harnesses from the connector CN711 on the regulator board.
2. Disconnect the card wire from connector CN701 on the video board.
3. Remove the five screws C on the rear panel.

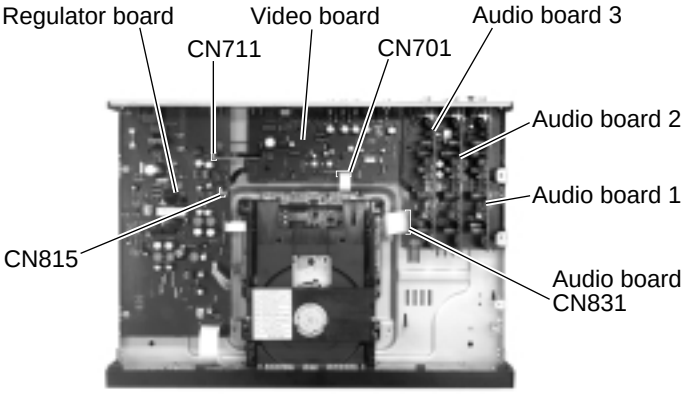


Fig.13

■Removing the Audio board 1,2 and 3 / the Audio board (See Fig.13,15 and 16)

・Prior to performing the following procedure, remove the top cover and rear panel.

1. Remove the three screws C attaching the audio board 1,2 and 3.
2. Disconnect the audio board 1,2 and 3 from the audio board respectively.
3. Disconnect the harnesses from connector CN815 on the regulator board.
4. Disconnect the card wire from connector CN831 on the audio board.
5. Remove the two screws G attaching the audio board.

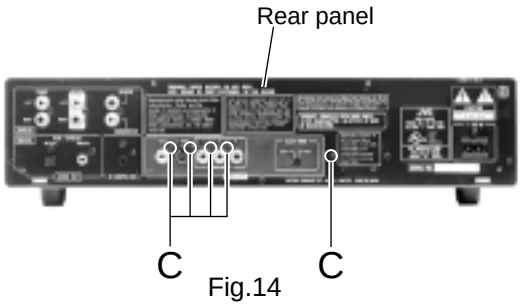


Fig.14

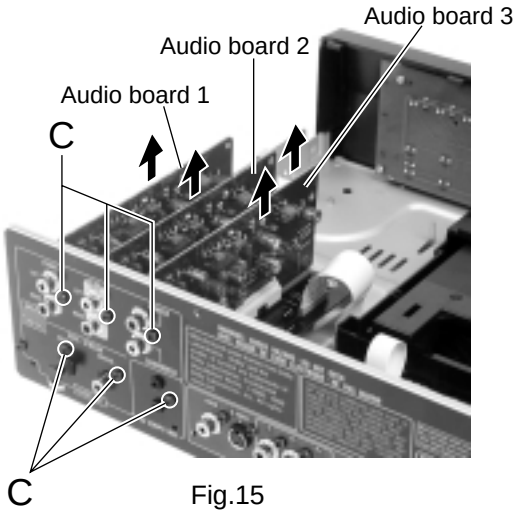


Fig.15

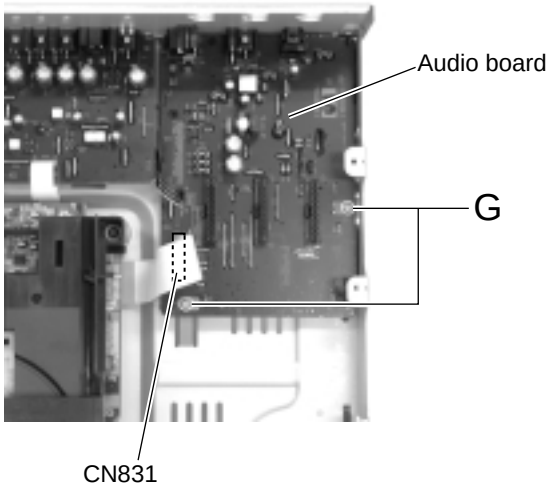


Fig.16

■Removing the DVD servo board (See Fig.17)

・Prior to performing the following procedure, remove the top cover and the DVD mechanism assembly.

1. Turn over the DVD mechanism assembly and disconnect the card wire from connector CN102 and CN103 on the DVD servo board.

2. Remove the two screws H attaching the DVD servo board. Move the DVD servo board in the direction of the arrow to release the two corner joints d.

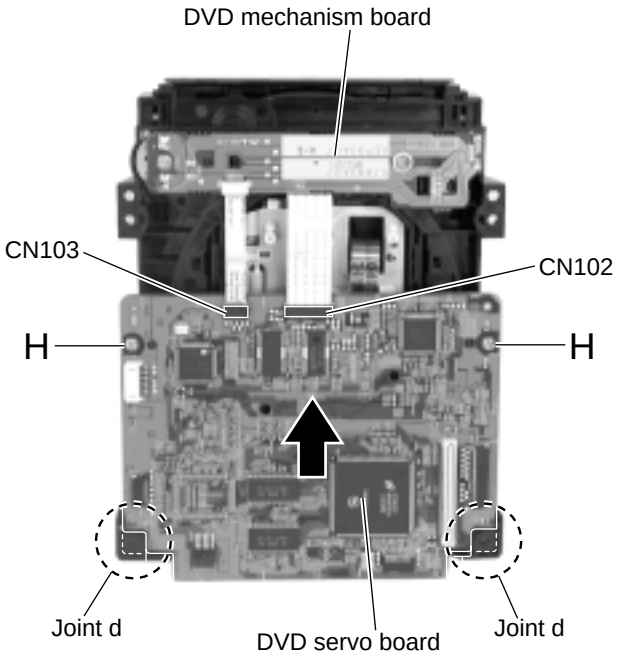


Fig.17

<Front panel assembly>

・Prior to performing the following procedure, remove the top cover and the front panel assembly.

■Removing the FL board / the power switch board (See Fig.18 and 19)

1. Remove the eight screws I and three screws J on the back of the front panel assembly. Remove the FL board and the power switch board at the same time.

2. Disconnect the harness from connector CN903 on the FL board.

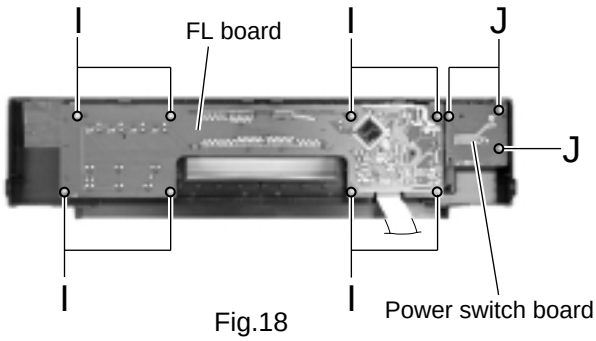


Fig.18

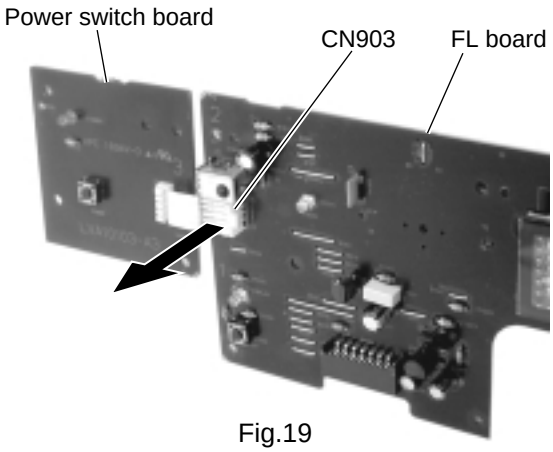


Fig.19

Adjustment method

This model has the TEST mode for simple diagnosis of the internal function. Use the TEST mode for diagnosing and checking the set as mentioned below.

■ **Details of the TEST mode**

The TEST mode comprises the five modes of the following.

FL indication (*: numeral)

1.DVD AUDIO copyright protection key serial indication ---------- ********
Indicates the content of the DVD AUDIO copyright at shipment. Use this mode for checking it.

2.Microcomputer's version number indication ---------- **_**_**
Indicates the initial version number of the microcomputer at shipment. Use this mode for checking it.

3.Servo signal system check mode ---------- CHECK
Use this mode for checking the laser pickup status.

4.Indication check mode ---------- The FL and LED's go on in full.
The LED's and FL of the set go on in full. Use this mode for checking indications.

5.Microcomputer software upgrading mode ---------- UPGRADE
Use this mode for upgrading the microcomputer software.

■ **How to set the TEST mode**

1.While pressing the STOP key and PLAY key of the set together, plug in the power cord.
*Continue to pressing both the STOP key and PLAY key until reading of disk data completes (until the "NOW READING" message changes into a DVD logo).

2."TEST *" message appears on the FL. (* In the part of the sign, the sign is different according to the destination.)

3.The five modes of the TEST mode change one after another each time the DISPLAY OFF key of the set is pressed.

4.To recover the usual operation mode, turn off the set by pressing the POWER ON/OFF key.

■ **How to check the laser pickup**

Since the laser pickup of the set is easily affected by static electricity, heat, etc., it may be damaged depending on use condition. If the set shows such a symptom as it fails in reading disk data, check the laser pickup as follows.

* Checking laser current

1.Enter the set into the "servo signal system check mode" of the TEST mode.

2.Press the SKIP |◀◀ key of the set.
The laser is turned on and the LAS **** message appears on the FL display. **** in the message indicates the current in code. For knowing the actual laser current, read the first two figures (omitting the last two figures) and convert the number into the current (mA) referring to the following conversion table, because the FL indication is a hexadecimal number. Since the FL indication varies because of self-heating of the set, read the indication value about 20 seconds after the set was turned on. If the indicated value is the OK level (see the conversion table), the laser is judged to be normal in the initial status by this simple checking method.

3. Press the STOP key to set back the check mode to the initial status.

Laser current conversion table

FL indication	Current (mA)	Judgment	FL indication	Current (mA)	Judgment	FL indication	Current (mA)	Judgment
38	1.2	OK	04	35.6	OK	D0	70.0	NG
34	3.9	OK	00	38.3	OK	CC	72.7	NG
30	6.5	OK	FC	40.9	OK	C8	75.3	NG
2C	9.1	OK	F8	43.6	OK	C4	78.0	NG
28	11.8	OK	F4	46.2	OK	C0	80.0	NG
24	14.4	OK	F0	48.8	OK	BC	83.2	NG
20	17.1	OK	EC	51.5	OK	B8	86.0	NG
1C	19.7	OK	E8	54.1	OK	B4	88.5	NG
18	22.4	OK	E4	56.8	OK	B0	91.2	NG
14	25.0	OK	E0	59.4	OK	AC	93.8	NG
10	27.7	OK	DC	62.1	NG	A8	96.5	NG
0C	30.3	OK	D8	64.7	NG	A4	99.1	NG
08	33.0	OK	D4	67.4	NG			

* Automatic adjustment/Jitter value indication

1.Enter the set into the "servo signal system check mode" of the TEST mode.
2.Open the tray with the OPEN key of the set. Set the TEST disk VT-501 on the tray and put back the tray with the CLOSE key. Then, press the PAUSE key.
The TEST disk starts rotation to execute automatic adjustment. If the set is in the normal condition, the "CHECK OK" message appears. If there is something abnormal in the adjustment values, an error message appears and it mostly comes from a failure in the servo system (including the mechanism and pickup). In such the event, refer to the check points by errors.
When using the TEST disk VT-501, carefully check to see if there is neither damage nor dirt on the read surface of the disk beforehand.
3.Press the STOP key to return the check mode to the initial status.
4.After the automatic adjustment with the TEST disk completes, press the PLAY key.
The disk starts rotation and a jitter value (signal read precision in percentage) appears on the FL display (JIT 0***). If the indication value (in *** places) is 110 (11 %) or less, it can be judged by this simple checking method that the signal read precision of the set is satisfactory.
Before using the TEST disk VT-501, carefully check it if there is neither damage nor dirt on the read surface.
5.Press the STOP key to return the mode to the initial status.

■ Upgrading microcomputer software

The internally incorporated microcomputer software of this set can be revised in part for the reason that the set is designed to conform to new standards and to be capable of playing disks to be put on the market by other manufacturers. To upgrade the internal microcomputer software, use the upgrade disk and follow the procedure mentioned below.

* How to upgrade the microcomputer software

1.Set the upgrade disk in the set and enter it into the TEST mode.
2.After confirming that the set completes reading of the upgrade disk data while looking at the indication on the monitor screen, change the TEST mode to the microcomputer software upgrading mode and then press the PLAY key.
3.The set completes writing of the upgrade disk data approximately 1 minute later and it is automatically reset by the self-resetting function. Then the set again reads the upgrade disk and stops automatically.
4.Take the upgrade disk out of the set and turn it off with the POWER ON/OFF key.
5.Again enter the set into the TEST mode, and press the SKIP ▶▶| key and then the PAUSE key.
6.Make sure that the DVD AUDIO indicator goes on a few seconds after the above-mentioned operation, check the version number of the microcomputer software in the microcomputer software version number indication mode.
*Carefully carry out the above procedure. If data write is interrupted in the middle of course by power failure or careless shutdown operation, not only the data of the internal software may be damaged but the set may fail in resetting. The version number of the internal microcomputer software is shown as follows.

FL indication: ** ** **
[IC901] [IC401] [IC508/IC509] ↵ Symbol number of microcomputer IC

■ Initializing the set

Initialization of the set returns it to the initial status at shipment.
Be sure to initialize the set after repair service.

* How to initialize the set

1.Enter the set into the TEST mode and press the SKIP ▶▶| key first and the PAUSE key second.
2.Make sure that the DVD AUDIO indicator goes on a few seconds later.

■ DVD AUDIO copyright protection

To protect the DVD AUDIO copyright from infringement, a number proper to each DVD AUDIO set called a device key is assigned to each set. If a proper device key is not set for a set, it fails in playing a copyrighted disk.
The management number of the device key of a set can be checked by the DVD AUDIO copyright protection key serial indication in the TEST mode. If the "???...." message appears in this check mode, the set has a failure in the device key. If it occurs, inquire at the Service Section of the Audio and Communication Division, JVC.

Check points for each error

(1) Spindle start error

*Defective spindle motor
Are there 10ohms resistance between each pin of CN102 "1~4"?
(The power supply is turned off and measured.)

*Hall element: Is sine wave output between CN102 "10" and "11", between "12" and "13", and between "14" and "15" during rotation?

In either case, replace the mechanical unit.

*Defective spindle driver (IC251)
Is a driving wave output from CN102 "1~4" ?

During rotation

Is IC251 "9" at "H" level (START)?
Servo IC --- Is control signal sent to the motor driver ?

IC201 "95" : Duty is 50% during stop, but varies during rotation (greatly varies at start).
--- If not sent, pattern or servo IC (IC201) is defective.

R259 : approx 2.5V during stop, but varies during rotation (greatly varies at start).
--- of not sent, pattern or servo IC (IC201) is defective.

Is FG input to servo IC ?
Observe FG wave from IC201 "89". --- If not output, pattern, IC251 or IC201 is defective.

(2) Disc Detection, Distinction error (no disc, no REFNV)

* Laser is defective.
* Front End Processor is defective (IC101).
* APC circuit is defective. --- Q101.
* Pattern is defective. --- Lines for CN101 "15" and "17".
Lines for between IC201 "2" and IC101 "2"(LDONA),
between IC201 "3" and IC101 "1" (LDONB).
* Servo IC is defective (IC201).
* Is signal sent to IC201(servo)"71" AS2 ?
* IC101 --- For signal from IC101 to IC301, is signal output from IC101 "88" (RFAS1) and IC101 "69" REENV ?

(3) Traverse movement NG

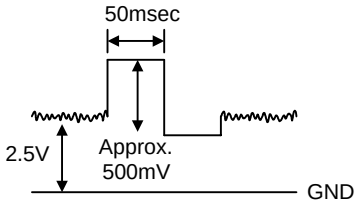
* For automatic adjustment, traverse movement occurs only when the position is changed to retry judging the disc type after the 1st judgment resulted in an error. Therefore, traverse movement rarely occurs because, in most cases, disc judgment at the current position (1st time judgment) is executed successfully. (Of course, NG rarely occurs in this step.)

Note: 1st time judgment of disc type resulted in NG. --- The re-judgment of disc type may not be successful. Therefore, after removing the cause of traverse movement, re-execute automatic adjustment and confirm that no problem exists.

* Check point

a) During stop
Whether 50% duty pulse is output to R273
Whether between R274 and C271 is at approx. 2.5VDC
Offset voltage between CN102 "1" and "2" (scores mV if exists)

b) When tray is opened or closed
Check by oscilloscope whether a rectangular wave signal is output from CN102 "1" or "2".



If checking a) or b) resulted in NG, IC201 maybe defective.

(4) Focus ON NG

* Is FE output ? --- Pattern, IC101
* Is FCDRV signal sent ? (R286) --- Pattern, IC301
* Is driving voltage sent ?
CN101 "1", "3" --- If NG, pattern, driver, mechanical unit (with the power turned off, measure the resistance between CN101 "20" and "21").
* Does CN101 "8" become "H" and is the focus drawing in done?
--- Mechanical unit (laser power too low), IC101(defective gain)
--- Moreover, It is thought that abnormality is found in the disk.
* Mechanical unit is defective.

(5) Tracking ON NG

* When the tracking loop cannot be drawn in, IC201 "58" (/TRON) does not become "L".
* Mechanical unit is defective.
Because the undermentioned adjustment value is abnormal, it is not possible to draw in normally.
* Periphery of driver (IC271)
Constant or IC it self is defective.
(When passing without becoming abnormal while adjusting the following.)
* Servo IC (IC201)
When improperly adjusted due to defective IC.

[Focus position rough adjustment]
[Phase difference cancellation rough adjustment]
[Tracking balance adjustment]

(6) Spindle CLV NG

* When the spindle cannot be shifted to CLV Servo, does not become "H" between IC201 "18" and IC301"88".
* IC201 Is signal output from IC101 "87" (RFOP)?
* IC201 Is signal output from IC201 "60" to "64" (binary-coded clock and data)?
* IC201 Is "58" (/TRON) at "L" level ?
* IC301 "74" to "76" --- Is signal output to IC201 "24", "25", "28" (In case of only CD). (Serial communication of rotation information)
* Spindle motor driver is defective.
  Even when one of the three phases is defective, item (1) may be passed.
  --- Check the second item in (1) above.
* C260 to C263 Defective soldering
  If noise eliminating capacitors are not properly soldered, noise may ride on the waveform.
* Besides, the undermentioned cause is thought though specific of the cause is difficult because various factors are thought.
  Mechanism is defective.(jitter)
  IC101, IC201.

(7) Address read NG

* Besides, the undermentioned cause is thought though specific of the cause is difficult because various factors are thought.
  Mechanism is defective. (jitter)
  IC201, IC301, IC401.
  The disc is dirty or the wound has adhered.

(8) Between layers jump NG (double-layer disc only)

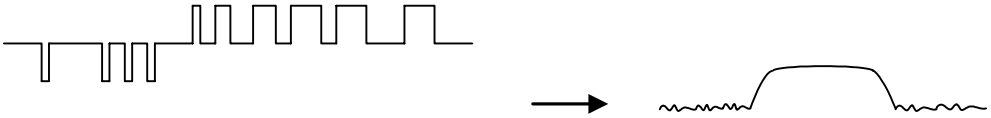
* When the focus flight is generated when jumps between layers.
  Because all adjustments for L1 layer must be successful, this error may rarely be due to a circuit defect.
* Crosstalk might occur from tracking to focus system. (See (11)) --- Replace the mechanical unit.
* Driver surroundings.
* Defect of constant and IC.
* For double-layer discs, after checking CLV on layer L1, jumps to layer L0 after mode changes to FG. Then tracking is turned off, and adjustments are executed from the focus position coarse adjustment in order.
* When the jump between layers is done on the single-layer disk, the disk distinction error is thought.
  --- The laser power is low (RF level is confirmed by IC101"87" (RFOP)).
  --- AS1, AS2, REFNV Is the signal sent to between IC101 and IC201 ?

(9) Neither picture nor sound is output

* Cannot search

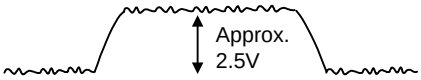
a) Can the feed system be driven?

Check the waveform of TRSDRV signal (R273). --- Waveform between R274 and C271.



Search results in a change of duty
(three values with 2.5V at the center)
(The figure is exaggerated.)

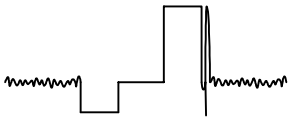
Check the waveform of CN101 "1" and "2". --- After the driver (IC271)



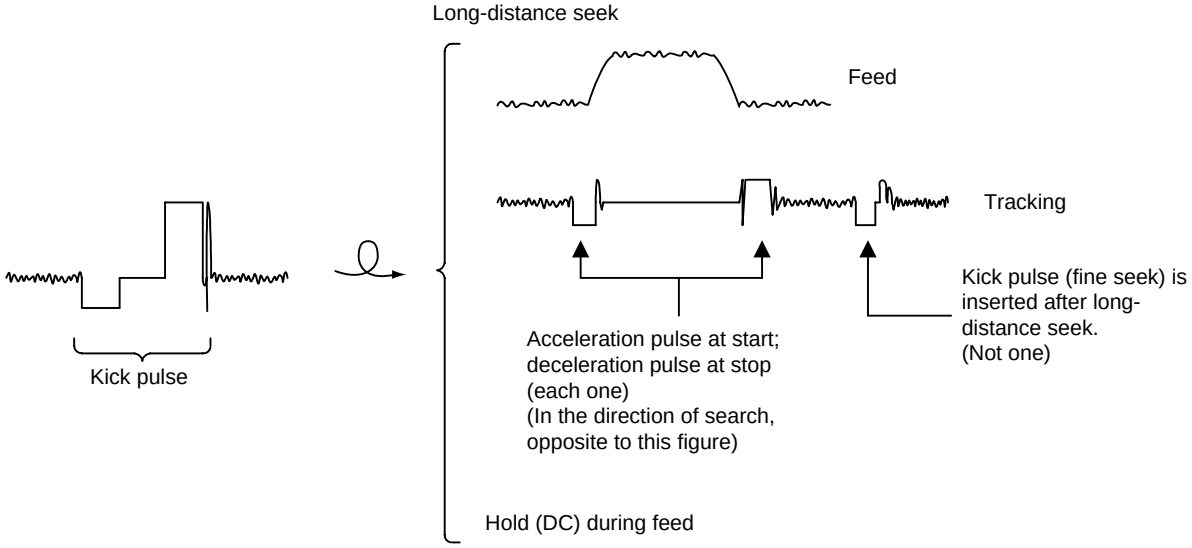
For short-distance search, the waveform becomes roundish, not trapezoidal, and voltage is low.

b) Is kick available?

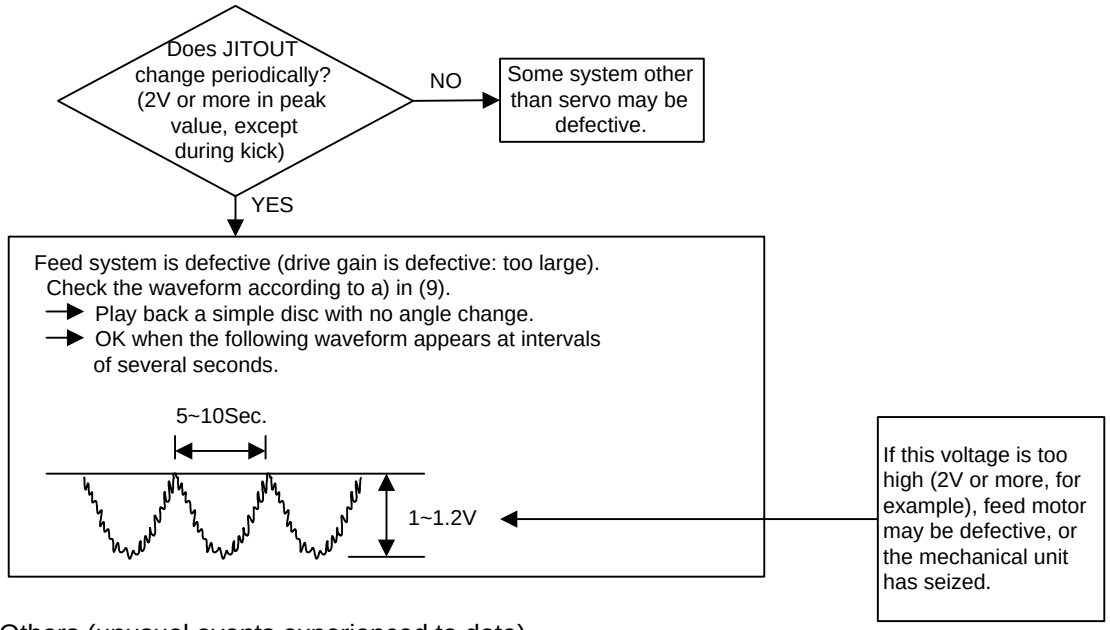
Check the TRDRV signal waveform from R289.



Check the waveform of CN101 "2" and "4" --- After the driver (IC271)
Although differs in amplitude and DC offset, the waveform is similar to that of R289



(10) Picture is distorted or abnormal sound occurs at intervals of several seconds.


Does JITOUT change periodically? (2V or more in peak value, except during kick)
NO
Some system other than servo may be defective.
YES
Feed system is defective (drive gain is defective: too large).
Check the waveform according to a) in (9).
Play back a simple disc with no angle change.
OK when the following waveform appears at intervals of several seconds.
5~10Sec.
1~1.2V
If this voltage is too high (2V or more, for example), feed motor may be defective, or the mechanical unit has seized.

(11) Others (unusual events experienced to date)

* Problem occurs with double-layer discs although no problem occurs with single-layer DVD.
(Error occurs, or search becomes unstable and takes longer.)
Crosstalk might occur from tracking to focus system.
--- When FE was observed during search (skip, etc.), it was found that a wave resembling TE with an amplitude of 200mVp-p was riding on FE.
--- Mechanical unit was replaced.

* Error frequently occurred in the outer part of discs although no error occurred in the inner part.
--- Mechanical unit was replaced because tilt seemed to be defective.

(12) CD During normal playback operation

a) Is TOC reading normal? —NO→ Please refer to "Servo Volume" flow.
Displays total time for CD-DA.
Shifts to double-speed mode for V-CD.
↓ YES
b)Playback possible? —NO→ *--:-- is displayed during FL serch.
According to [*Cannot serch] for DVD(9), check the feed and tracking systems.
*No sound is output although the time is displayed.(CA-DA)
*DAC, etc, other than servo.
*The passage of time is not stable, or picture is abnormal.(V-CD)
*The wound of the disc and dirt are confirmed.

(13) Others

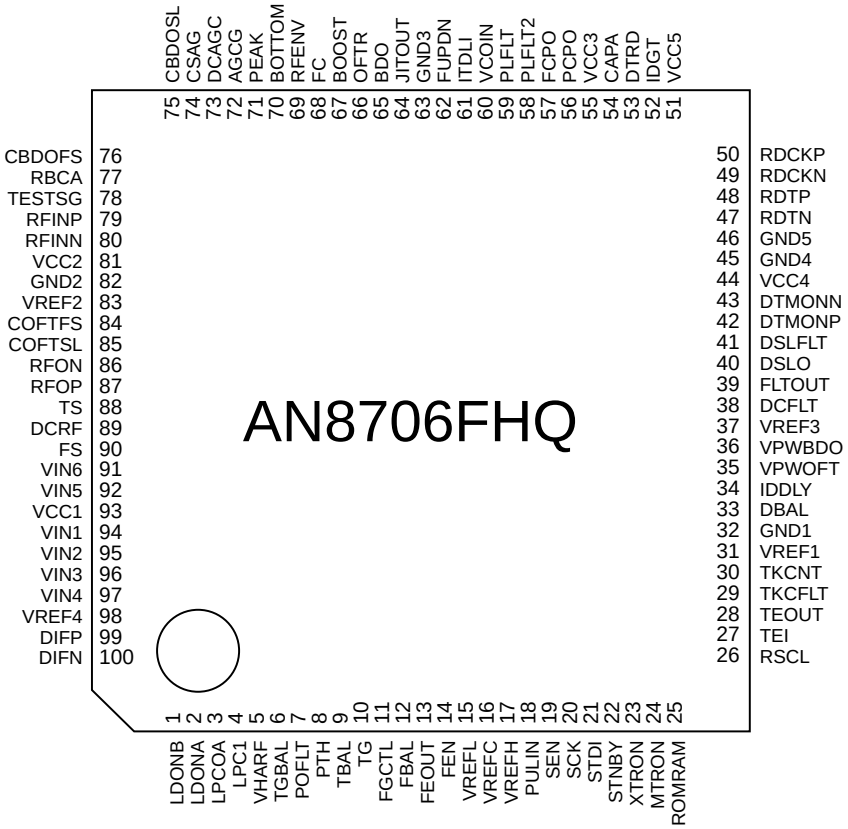
V-CD : Frequent occurrence of error in inside and outer.
(Even the disk without the wound : when generated.)

Waveform observation
--- Is the oscillation frequency of about 700~900Hz output?
(Borrow a pertinent disk for the complaint for the combination with the disk.)
--- Exchanges mechanism for the mechanism resonance.

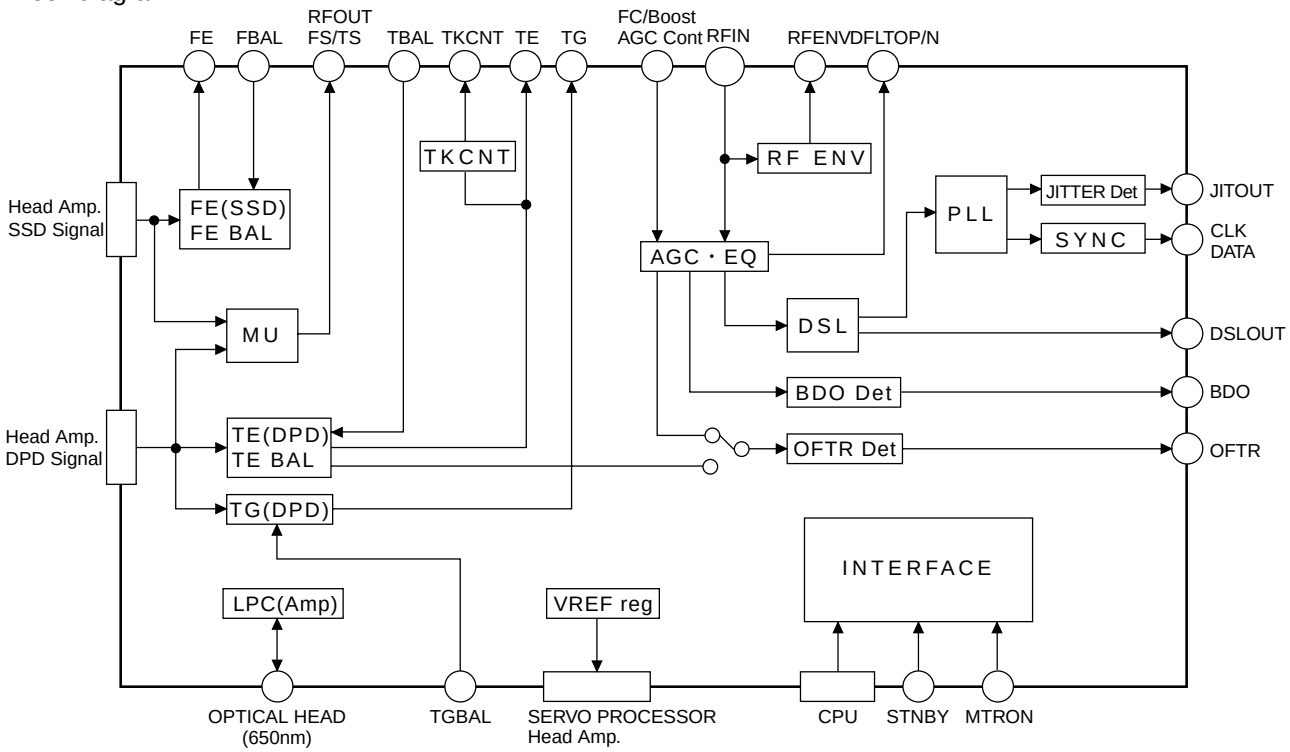
Description of major ICs

■ AN8706FHQ (IC101) : Front end processor

1.Pin layout



2.Block diagram



3.Pin function

AN8706FHQ (1/2)

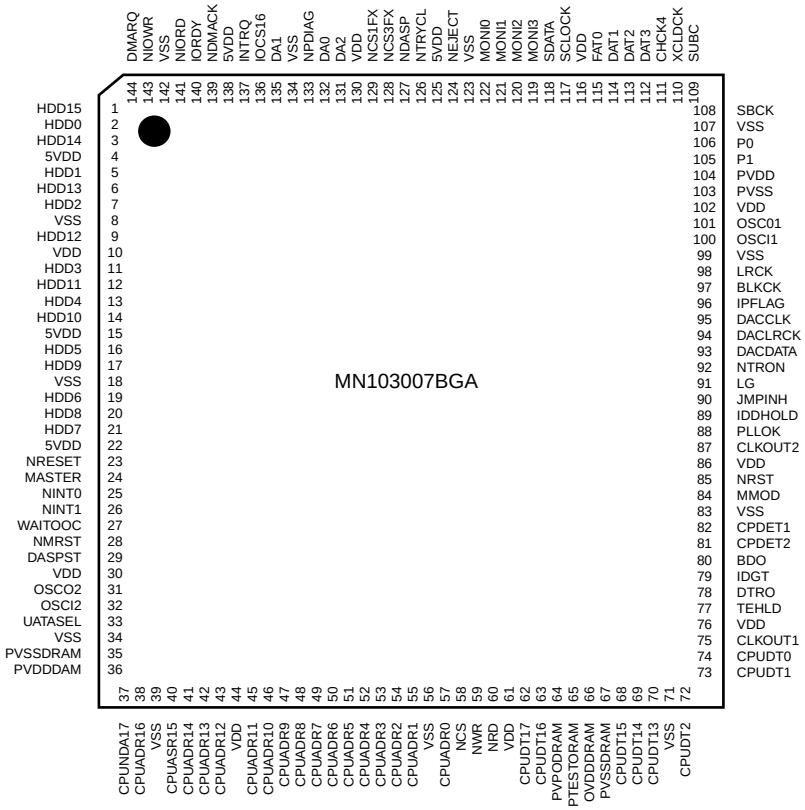
Pin No.	Symbol	I/O	Functions
1	LDONB	I	Laser ON (CD Head) terminal
2	LDONA	I	Laser ON (DVD Head) terminal
3	LPCOA	O	Laser drive output terminal
4	LPC1	I	Laser PIN input terminal
5	VHARF	O	VHALF voltage output terminal
6	TGBAL	I	Tangential phase balance control terminal
7	POFLT	O	Track detection Threshold value level terminal
8	PTH	I	Track detection Threshold value level terminal
9	TBAL	I	Tracking balance control terminal
10	TG	O	Tangential phase error signal output terminal
11	FGCTL	I	Focus amplifier Gain control terminal
12	FBAL	I	Focus balance control terminal
13	FEOUT	O	Focus error signal output terminal
14	FEN	I	Focus error output amplifier reversing input terminal
15	VREFL	O	VREFL voltage output terminal
16	VREFC	O	VREFC voltage output terminal
17	VREFH	O	VREFH voltage output terminal
18	PULIN	I	DSL,PLL drawing mode switch terminal
19	SEN	I	SEN(Cereal data input terminal)
20	SCK	I	SCK(Cereal data input terminal)
21	STDI	I	STDI(Cereal data input terminal)
22	STNBY	I	Standby mode control terminal
23	XTRON	I	Tracking OFF holding input terminal
24	MTRON	I	Monitor output ON/OFF switch terminal
25	ROMRAM	I	ROM･RAM switch terminal
26	RSCL	O	Standard current source terminal
27	TEI	I	Tracking error output Amp reversing input terminal
28	TEOUT	O	Tracking error signal output terminal
29	TKCFLT	O	Track count detection filter terminal
30	TKCNT	O	Track count output terminal
31	VREF1	O	VREF1 voltage output terminal
32	GND1	O	Earth terminal 1
33	DBAL	I	Data slice offset adjustment terminal
34	IDDLY	I	Data slice delay adjustment terminal
35	VPWOFT	I	OFTR detection level setting terminal
36	VPWBDO	I	BDO detection level setting terminal
37	VREF3	O	VREF3 voltage output terminal
38	DCFLT	O	Capacity connection terminal for data slice input filter
39	FLTOUT	O	Filter amplifier output terminal
40	DSLO	O	Data slice single data output terminal
41	DSLFLT	O	Constant filter terminal when data is sliceddelly
42	DTMONP	O	PLL differential motion 2 making to value edge signal moniter output (+)
43	DTMONN	O	PLL differential motion 2 making to value edge signal moniter output (-)
44	VCC4	I	Power terminal 4 (5V)
45	GND4	O	Earth terminal 4
46	GND5	O	Earth terminal 5
47	RDTN	O	PLL differential motion making to synchronization RF signal reversing output
48	RDTP	O	PLL differential motion making to synchronization RF signal rotation output
49	RDCKN	O	PLL differential motion making synchronization clock reversing output
50	RDCKP	O	PLL differential motion making synchronization clock rotation output

AN8706FHQ(2/2)

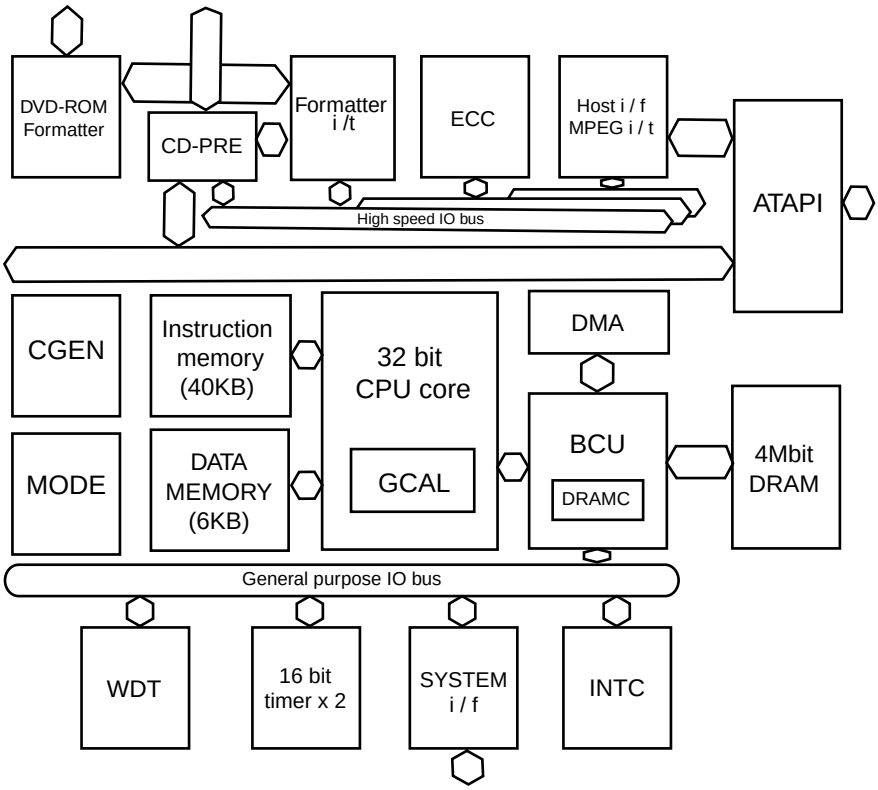
Pin No.	Symbol	I/O	Functions
51	VCC5	I	Power terminal 5 (3.3V)
52	IDGT	I	Data slice part address part gate signal input terminal (For RAM)
53	DTRD	I	Data slice data read signal input terminal(For RAM)
54	CAPA	I	Data slice CAPA(Address)signal input terminal (For RAM)
55	VCC3	I	Power terminal 3 (5V)
56	PCPO	O	PLL phase gain set terminal
57	FCPO	O	PLL frequency gain set terminal
58	PLFLT2	O	PLL low region filter terminal
59	PLFLT	O	PLL high region filter terminal
60	VCOIN	I	PLL VCO input terminal
61	ITDLI	O	PLL jitter free current ripple removal filter terminal
62	FUPDN	I	PLL frequency control input terminal
63	GND3	O	Earth terminal 3
64	JITOUT	O	Detection signal output of jitter
65	BDO	O	BDO output terminal
66	OFTR	O	OFTR output terminal
67	BOOST	I	Booth control terminal for filter
68	FC	I	FC control terminal for filter
69	RFENV	O	RF enve output terminal
70	BOTTOM	O	Bottom enve detection filter terminal
71	PEAK	O	Peak enve detection filter terminal
72	AGCG	O	AGC amplifier gain control terminal
73	DCAGC	O	AGC amp filter terminal
74	CSAG	O	Sag cancellation circuit filter terminal
75	CBDOSL	O	BDO detection capacitor terminal
76	CBDOFS	O	BDO detection capacitor terminal
77	RBCA	O	BCA detection level setting terminal
78	TESTSG	I	TEST signal input terminal
79	RFINP	I	RF signal positive moving input terminal
80	RFINN	I	RF signal reversing input terminal
81	VCC2	I	Power terminal 2 (5V)
82	GND2	O	Earth terminal 2
83	VREF2	O	VREF2 voltage output terminal
84	COFTFS	O	OFTR detection capacitor terminal
85	COFTFL	O	OFTR detection capacitor terminal
86	RFON	O	RF signal output terminal P
87	RFOP	O	RF signal output terminal N
88	TS	O	All addition amplifier (DVD) output terminal
89	DCRF	O	All addition amplifier capacitor terminal
90	FS	O	All addition amplifier (CD) output terminal
91	VIN6	I	Focus input of external division into two terminal
92	VIN5	I	Focus input of external division into two terminal
93	VCC1	I	Power terminal 1 (5V)
94	VIN1	I	External division into four (DVD/CD) RF input terminal 1
95	VIN2	I	External division into four (DVD/CD) RF input terminal 2
96	VIN3	I	External division into four (DVD/CD) RF input terminal 3
97	VIN4	I	External division into four (DVD/CD) RF input terminal 4
98	VREF4	O	VREF4 voltage output terminal
99	DIFP	O	RF signal (RAM) output terminal P
100	DIFN	O	RF signal (RAM) output terminal N

MN103007BGA (IC301) : Optical disc controller

1.Terminal layout



2.Block diagram



3.Function

MN103007BGA(1/2)

Pin NO.	Symbol	I/O	Function
1	HDD15	I/O	ATAPI data
2	HDD0	I/O	ATAPI data
3	HDD14	I/O	ATAPI data
4	5VDD		
5	HDD1	I/O	ATAPI data
6	HDD13	I/O	ATAPI data
7	HDD2	I/O	ATAPI data
8	VSS		
9	HDD12	I/O	ATAPI data
10	VDD		
11	HDD3	I/O	ATAPI data
12	HDD11	I/O	ATAPI data
13	HDD4	I/O	ATAPI data
14	HDD10	I/O	ATAPI data
15	5VDD		
16	HDD5	I/O	ATAPI data
17	HDD9	I/O	ATAPI data
18	VSS		
19	HDD6	I/O	ATAPI data
20	HDD8	I/O	ATAPI data
21	HDD7	I/O	ATAPI data
22	5VDD		
23	NRESET	I	ATAPI reset
24	MASTER	I/O	ATAPI master / slave selection
25	NINT0	O	System control interruption 0
26	NINT1	O	System control interruption 1
27	WAITODC	O	System control weight control
28	NMRST	O	System control reset
29	DASPST	I	DASP signal initializing
30	VDD		
31	OSCO2	I,O	VSS connection,OPEN
32	OSCI2	I,O	VSS connection, OPEN
33	UATASEL	I	VSS connection
34	VSS		
35	PVSSDRAM		
36	PVDODRAM		
37	CPUADR17	I	System control address
38	CPUADR18	I	System control address
39	VSS		
40	CPUADR15	I	System control address
41	CPUADR14	I	System control address
42	CPUADR13	I	System control address
43	CPUADR12	I	System control address
44	VDD		System control address
45	CPUADR11	I	System control address
46	CPUADR10	I	System control address
47	CPUADR9	I	System control address
48	CPUADR8	I	System control address
49	CPUADR7	I	System control address
50	CPUADR6	I	System control address
51	CPUADR5	I	System control address
52	CPUADR4	I	System control address
53	CPUADR3	I	System control address
54	CPUADR2	I	System control address
55	CPUADR1	I	System control address
56	VSS		GND
57	CPUADR0	I	System control address
58	NCS	I	System control chip selection
59	NWR	I	System control wright
60	NRD	I	System control lead
61	VDD		Apply 3V
62	CPUDT7		System control data
63	CPUDT6		System control data
64	PVPPDRAM	O	C=10000PF is connected between VSS
65	PTESTDRAM	I	VSS connected
66	OVDDDRAM		
67	PVSSDRAM		
68	CPUDT5		System control data
69	CPUDT4		System control data
70	CPUDT3		System control data
71	VSS		GND
72	CPUDT2		System control data
73	CPUDT1	I/O	System control data
74	CPUDT0	I/O	System control data
75	CLKOUT1	O	16.9/11.2/8.45MHz clock
76	VDD	-	Apply 3V
77	TEHLD	O	Mirror gate
78	DTRO	O	Data part frequency control switch
79	IDGT	O	Part CAPA switch
80	BDO	I	RF dropout / BCA data of making to binary
81	CPDET2	I	Outer side CAPA detection
82	CPDET1	I	Side of surroundings on inside
83	VSS		GND
84	MMOD	I	VSS connected
85	NRST	I	System reset
86	VDD	-	Apply 3V
87	CLKOUT2	O	16.9MHz clock
88	PLLOK	O	Frame mark detection
89	IDOHOLD	O	ID gate for tracking holding
90	JMPINH	O	Jump prohibition

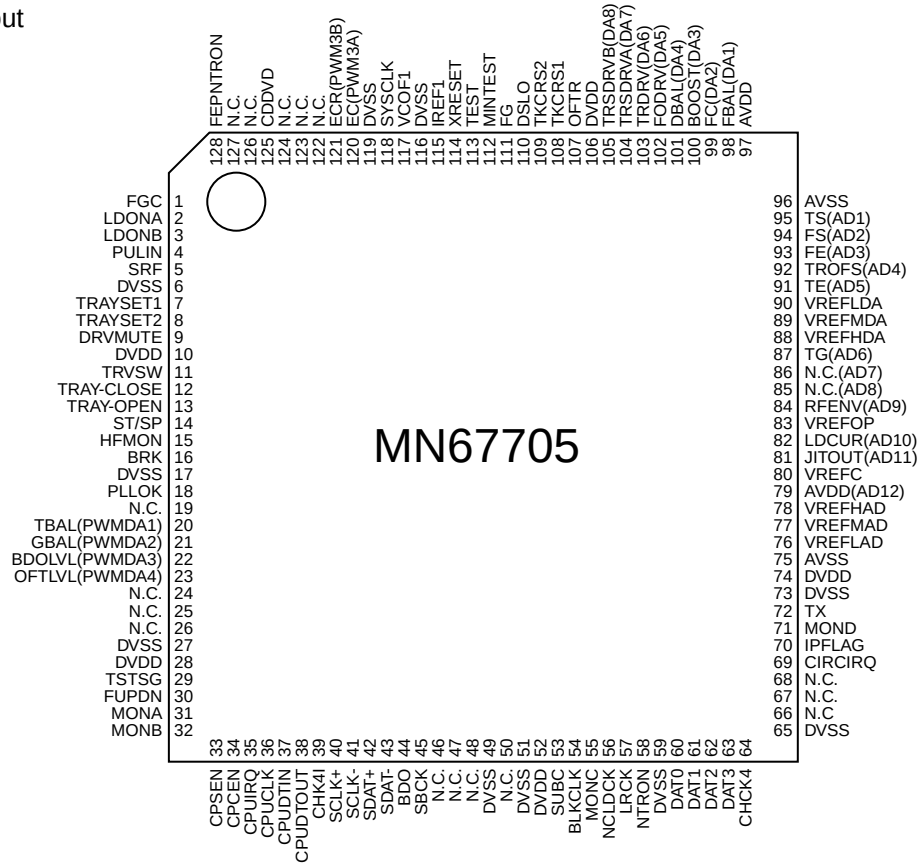
MN103007BGA(2/2)

Pin NO.	Symbol	I/O	Function
91	LG	O	Land / group switch
92	NTRON	I	Tracking ON
93	DACDATA	O	Cereal output
94	DACLRCK	O	L and R identification output
95	DACCLK	I	Clock for cereal output
96	IPFLAG	I	Interpolation flag input
97	BLKCK	I	Sub-code,Block clock input
98	LRCK	I	L and R identification signal output
99	VSS		
100	OSCI1	I,O	16.9MHz oscillation
101	OSCO1	I,O	16.9MHz oscillation
102	VDD		
103	PVSS		
104	PVDD		
105	P1	I/O	Terminal MASTER polarity switch input
106	P0	I/O	CIRC-RAM OVER/UNDER Interruption signal input
107	VSS		
108	SBCK	O	Sub-code, Clock output for serial input
109	SUBC	I	Sub-code, Cereal input
110	XCLDCK	I	Sub-code, Frame clock input
111	CHCK4	I	Read clock to DAT3~0(Output of dividing frequency four from ADSC)
112	DAT3	I	Read data from DISC (PAralle output from ADSC)
113	DAT2	I	
114	DAT1	I	
115	DAT0	I	
116	VDD		
117	SCLOCK	I/O	Debugging cereal clock (270 Ω pull up)
118	SDATA	I/O	Debugging cereal data (270 Ω pull up)
119~122	MONI3~0	O	Internal goods title monitor
123	VSS		
124	NEJECT	I	Eject detection
125	5VDD		
126	NTRYCL	I	Tray close detection
127	NDASP	I/O	ATAPI Drive active/ Sulave connection I/O
128	NCS3FX	I	ATAPI host chip selection
129	NCS1FX	I	ATAPI host chip selection
130	VDD		
131	DA2	I/O	ATAPI host address
132	DA0	I/O	ATAPI host address

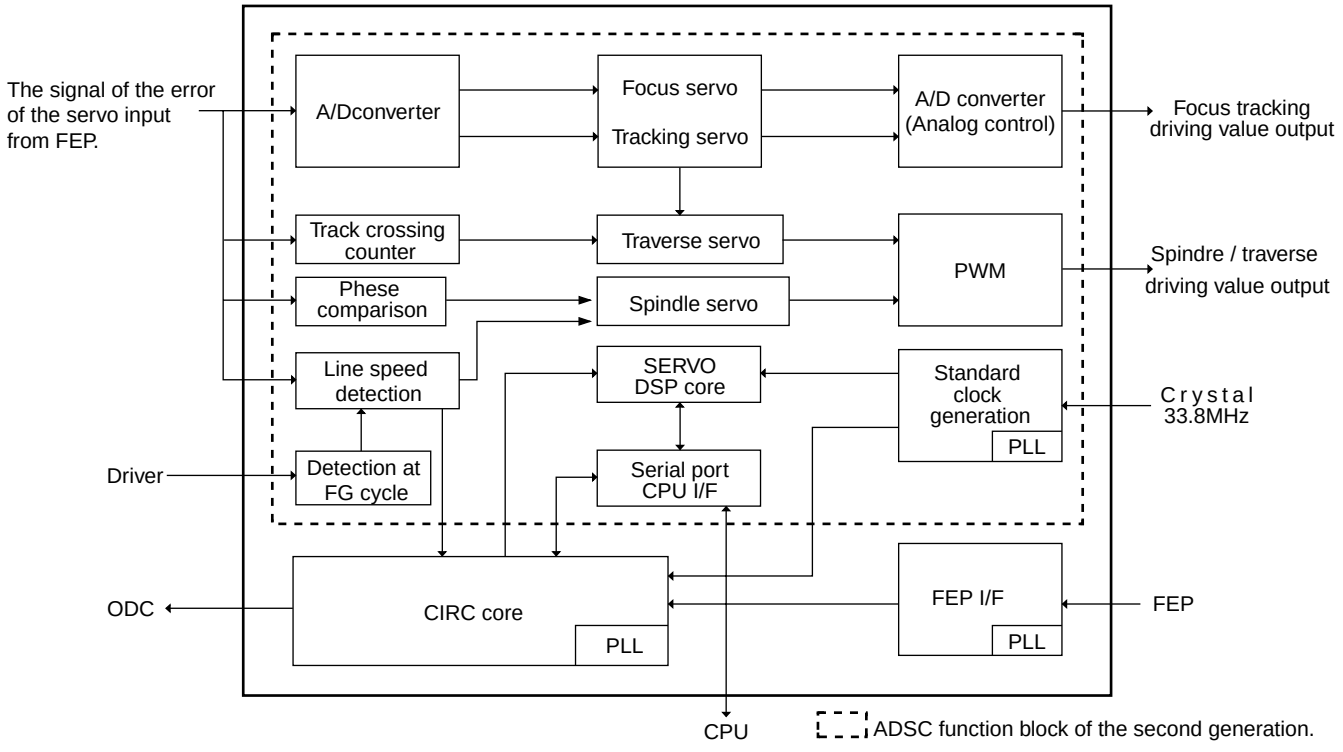
Pin NO.	Symbol	I/O	Function
133	NPDIAG	I/O	ATAPI slave master diagnosis input
134	VSS		
135	DA1	I/O	ATAPI host address
136	IOCS16	O	ATAPI output of selection of width of host data bus
137	INTRQ	O	ATAPI host interruption output
138	5VDD		
139	NDMACK	I	ATAPI host DMA response
140	IORDY	O	ATAPI host ready output
141	NIORD	I	ATAPI host read
142	VSS		
143	NIOWR	I/O	ATAPI host writes
144	DMARQ	O	ATAPI host DMA demand

MN67705EA (IC201) : Digital servo controller

1.Terminal layout



2.Block diagram



3.Pin function

MN67705EA (1/3)

Pin No.	Symbol	I/O	Function
1	FGC	0	H fixation
2	LDONA	O	Laser drive controlA (ON / OFF)
3	LDONB	O	Laser drive controlB (ON / OFF)
4	PULIN	O	DSL and PLL high boost signal (FEP)
5	SRF	O	Head amplifier gain H/L selection
6	DVSS	—	Ground for digital circuit
7	TRAYSET1	O	Tray drive ON/OFF and direction control
8	TRAYSET2	O	Tray drive ON/OFF and direction control
9	DRVMUTE	O	Drive IC mute control
10	DVDD	—	Power supply for digital circuit
11	TRVSW	I	Surroundings position detection in traverse
12	TRAY-CLOSE	I	Tray close detection SW
13	TRAY-OPEN	I	Tray opening detection SW
14	ST/SP	O	Spindle motor drive switch (START /STOP)
15	HFMON	O	High cycle module control
16	BRK	O	Spindle motor IC short brake control
17	DVSS	—	Ground for digital circuit
18	PLLOK	I	SYNC detection (DVD : 18T / CD : 22T)
19	N.C.	O	
20	TBAL(PWMDA1)	O	Tracking balance (FEP)
21	GBAL(PWMDA2)	O	Tangential balance (FEP)
22	BDOLVL(PWMDA3)	O	BDO slice level (FEP)
23	OFTLVL(PWMDA4)	O	Off-track error slice level (FEP)
24	N.C.	O	
25	N.C.	O	
26	N.C.	O	
27	DVSS	—	Ground for digital circuit
28	DVDD	—	Power supply for digital circuit
29	TSTSG	O	Self calibration signal (FEP)
30	FUPDN	O	Signal of frequency UP/DOWN of PLL (FEP)
31	MONA	O	Monitor terminal A
32	MONB	O	Monitor terminal B
33	CPSEN	I	Servo DSP cereal I/F chip selection (SYSCOM)
34	CPCEN	I	CIRC cereal I/F chip selection (SYSCOM)
35	CPUIRQ	O	Interrupt request to silicon (SYSCOM)
36	CPUCLK	I	Silicon cereal I/F clock (SYSCOM)
37	CPUDTIN	I	Silicon cereal I/F data input (SYSCOM)
38	CPUDTOUT	O	Silicon cereal I/F data output (SYSCOM)
39	CHK4I	I	Connects with unused DVSS
40	SCLK+	I	Lead channel clock differential motion signal (positive)
41	SCLK-	I	Lead channel clock differential motion signal (negative)
42	SDAT+	I	Lead channel data differential motion signal (positive)
43	SDAT-	I	Lead channel data differential motion signal (negative)
44	BDO	I	BDO + BCA (FEP)
45	SBCK	I	CD sub-code data shift clock (ODC)
46	IREF2	—	Connects with unused DVSS

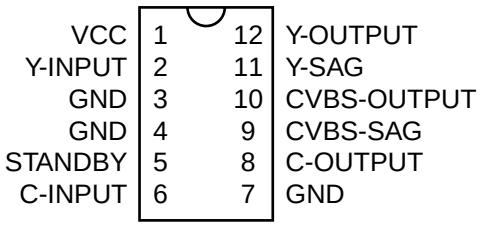
MN67705EA (2/3)

Pin No.	Symbol	I/O	Function
47	IREF3	—	Connects with unused DVSS
48	VCOF2	—	Connects with unused DVSS
49	DVSS	—	Ground for digital circuit
50	VCOE3	—	Connects with unused DVSS
51	DVSS	—	Ground for digital cirucuit
52	DVDD	—	Power supply for digital cirucuit
53	SUBC	O	CD sub-code (ODC)
54	BLKCLK	O	CD sub-code synchronous signal (ODC)/Jump output of one at DVD
55	MONC	O	Monitor terminal C
56	NCLDCK	O	Sub-code data freme clock (ODC)
57	LRCK	O	LR channnel data strove circCIRC(ODC)
58	NTRON	O	L: Tracking ON (ODC)
59	DVSS	—	Ground for digital cirucuit
60	DAT0	O	CIRC / Binary making DVD data output
61	DAT1	O	CIRC / Binary making DVD data output
62	DAT2	O	CIRC / Binary making DVD data output
63	DAT3	O	CIRC / Binary making DVD data output
64	CHCK4	O	Synchronous clock of DAT0～3
65	DVSS	—	Ground for digital circuit
66	DACCLK	O	
67	DACLRCK	I	Connects with unused DVSS
68	DACDATA	I	Connects with unused DVSS
69	CIRCIRQ	O	RAM with built-in CIRC exceeds / Underflow interrupt
70	IPFLAG	O	CIRC error flag
71	MOND	O	Monitor terminal D
72	TX	O	Digital audio interface
73	DVSS	—	Ground for digital cirucuit
74	DVDD	—	Power supply for digital cirucuit
75	AVSS	—	Ground for analog cirucuit
76	VREFLAD	—	AD subordinate position standard voltage (0.6±0.1v)
77	VREFMAD	—	It is a place standard voltage in AD (1.4±0.1V)
78	VREFHAD	—	High-ranking AD standard voltage (2.2±0.1V)
79	AVDD	—	Power supply for analog circuit
80	VREFC(AD12)	I	
81	JIOUT(AD11)	I	Jitter signal(FEP)
82	LDCUR(AD10)	I	Laser drive current signal
83	VREFOP	—	Operation amplifier standard voltage(VREFC)
84	RFENV(AD9)	I	RFENV(FEP)
85	N.C.(AD8)	I	Connects with VREFC
86	N.C.(AD7)	I	Connects with VREFC
87	TG(AD6)	I	Tangential Phase difference (FEP)
88	VREFHDA	—	High-ranking AD standard voltage (2.2±0.1V)
89	VREFMDA	—	It is a place standard voltage in AD (1.4±0.1V)
90	VREFLDA	—	AD subordinate position standard voltage (0.6±0.1v)
91	TE(AD5)	I	Tracking error (FEP)
92	TROFS(AD4)	I	Tracking drive IC input offset
93	FE(AD3)	I	Focus error (FEP)

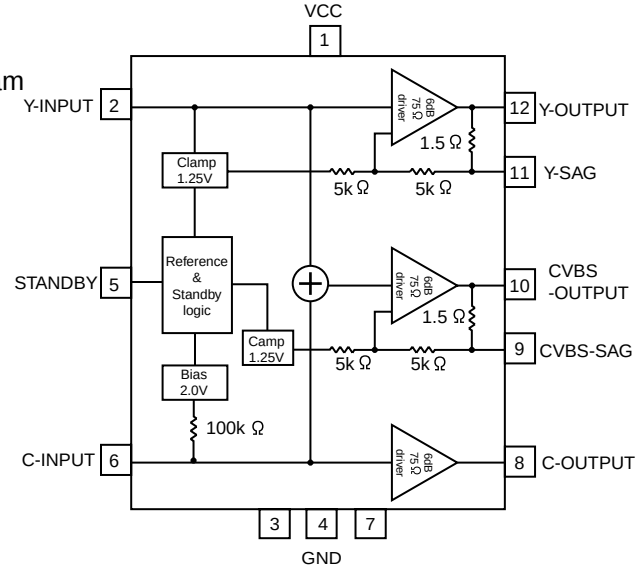
Pin No.	Symbol	I/O	Function
94	FS(AD2)	I	FS (FEP)
95	TS(AD1)	I	TS (FEP)
96	AVSS	—	Ground for analog cirucuit
97	AVDD	—	Power supply for analog circuit
98	FBAL(DA1)	O	Focus balance(FEP)
99	FC(DA2)	O	Cutting off frequency (FEP)
100	BOOST(DA3)	O	Amount of boost (FEP)
101	TBAL(DA4)	O	DSL offset balance (FEP)
102	FODRV(DA5)	O	Focus drive
103	TRDRV(DA6)	O	Tracking drive
104	TRSDRVA(DA7)	O	Traverse drive A aspect
105	TRSDRVB(DA8)	O	Traverse drive B aspect
106	DVDD	—	Power supply for digital cirucuit
107	OFTR	I	Off-track error signal (FEP)
108	TKCRS1	I	Track crossing signal 1 (FEP)
109	TKCRS2	I	Track crossing signal 2 (FEP)
110	DSLO	I	Binary making data slice signal (FEP)
111	FG	I	FG signal input (spindle motor driver)
112	MINTEST	—	Connects with DVSS
113	TEST	—	Connects with DVSS
114	XRESET	I	Reset L : Reset
115	IREF1	—	VCO reference current 1(for SYSCLK)
116	DVSS	—	Ground for digital circuit)
117	VCOF1	—	VCO control voltage 1 (for SYSCLK)
118	SYSCLK	I	33.8MHz system clock input
119	DVSS	—	Ground for digital circuit
120	EC(PWM3A)	O	Spindle motor drive
121	ECR(PWM3B)	O	
122	N.C.(PWM3A)	O	
123	N.C.(PWM2B)	O	
124	N.C.(PWM1A)	O	
125	CDDVD	O	CD/DVD control signal (FEP) CD : H DVD : L
126	N.C.(PWM0A)	O	
127	N.C.(PWM0B)	O	
128	FEPNTRON	O	Tracking ON (FEP)

■ TK15400(IC701):Video AMP.

1.Pin layout

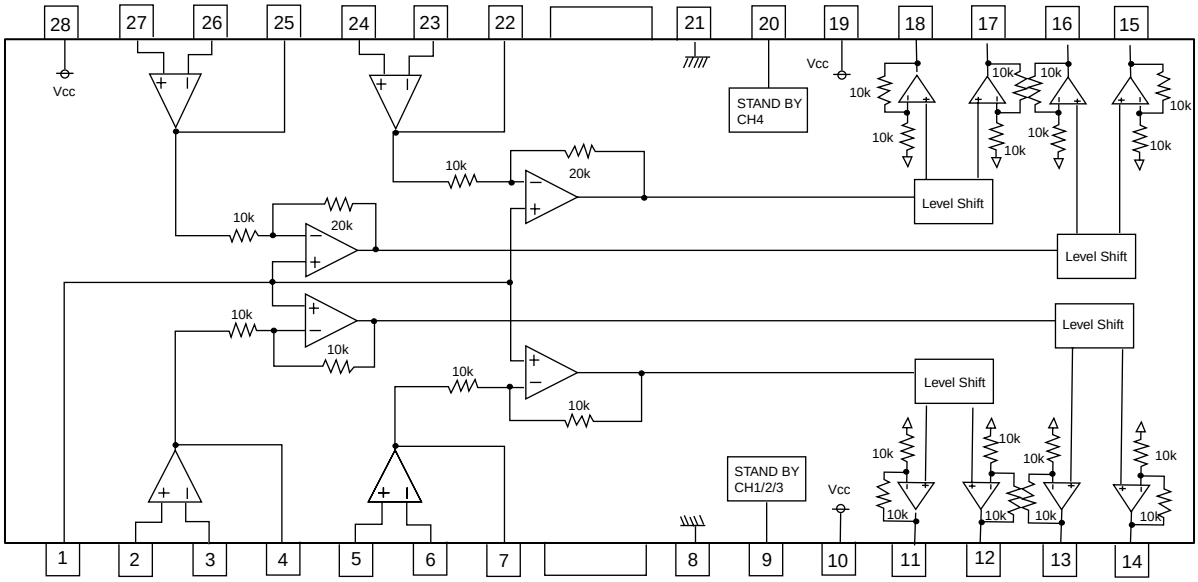


2.Block diagram



■ BA5983FM-X(IC271):4CH driver

1. Block diagram

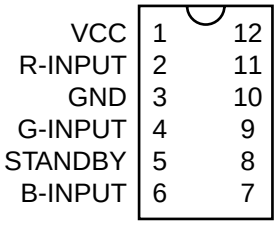


2. Pin function

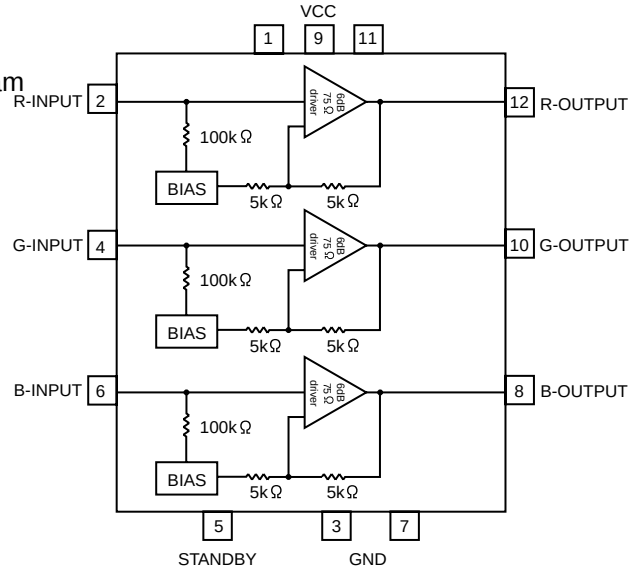
Pin No.	Symbol	I/O	Function	Pin No.	Symbol	I/O	Function
1	BLAS IN	I	Amplifier input	15	VO4(+)	O	CH4 output (+)
2	OPIN1(+)	I	CH1 amplifier input (+)	16	VO4(-)	O	CH4 output (-)
3	OPIN1(-)	I	CH1 amplifier input (-)	17	VO3(+)	O	CH3 output (+)
4	OPOUT1	O	CH1 amplifier output	18	VO3(-)	O	CH3 output (-)
5	OPIN2(+)	I	CH2 amplifier input (+)	19	PowVcc2	-	CH3/4 power supply
6	OPIN2(-)	I	CH2 amplifier input (-)	20	STBY2	I	CH4 input
7	OPOUT2	O	CH2 amplifier output	21	GND	-	Ground
8	GND	-	Ground	22	OPOUT3	O	CH3 amplifier output
9	STBY1	I	CH1/2/3 input control	23	OPIN3(-)	I	CH3 amplifier input (-)
10	PowVcc1	-	CH1/2 power supply	24	OPIN3(+)	I	CH3 amplifier input (+)
11	VO2(-)	O	CH2 output (-)	25	OPOUT4	O	CH4 amplifier output
12	VO2(+)	O	CH2 output (+)	26	OPIN4(-)	I	CH4 amplifier input (-)
13	VO1(-)	O	CH1 output (-)	27	OPIN4(+)	I	CH4 amplifier input (+)
14	VO1(+)	O	CH1 output (+)	28	PreVcc	-	Power supply pin

■ TK15401(IC702):Video AMP.

1.Pin layout



2.Block diagram



■ MN101C23DBP3 (IC810) : System controller

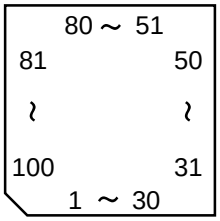
Pin No.	Symbol	I/O	Descriptions
1	KCMND	O	VC3 Serial data output
2	MSTAT	I	VC3 Status data input
3	KCLK	I	VC3 Serial clock input
4	DATAOUT	O	SLC/TUNER data output
5	DATAIN	I	SLC/TUNER data input
6	CK	O	SLC/TUNER clock signal output
7	BEAT	O	BEAT Cut signal output of TUNER
8	VDD	-	Power supply +5V
9,10	OSC2,1	I/O	Oscillation terminal (8MHz)
11	VSS	-	Connect to GND
12,13	XI,XO	I/O	Sub clock (32.768kHz)
14	MMOD	-	Connect to GND
15	VREF-	-	Connect to GND
16~19	KEY1~4	I	Key matrix input 1~4
20	SLCKEY1	I	Tape A playback detect switch
21	SLCKEY2	I	Tape B playback detect switch
22	SLCKEY3	I	Tape B playback/recording detect switch
23	SPIDTI	I	SPI data input
24	VREF+	-	Power supply +5V
25	MRDY	I	VC3 ready input
26	RESET	I	Reset signal input
27	PANEL OP	I	Moving panel open detection signal input
28	PANEL CL	I	Moving panel close detection signal input
29	LOAD DET	I	Overload detect signal input
30	MSI	I	MS Detector signal input
31	PROSACK	O	Clock signal output to IC406
32	PROSADA	I	Data input from IC406
33	REMIN	I	Remote control signal input
34	PHOTOA	I	Tape A mechanism running detection signal input
35	PHOTOB	I	Tape B mechanism running detection signal input
36	INH	I	Inhibit signal input
37	RDSCLK	I	Clock signal input from IC4
38	PRT	I	Protector input
39	RDS DATA	I	RDS data input from IC4
40	SPICSB	O	SPI Chip select signal output
41	OSDCLK	-	Not used
42~44	SPIC~A	O	SPI-C~A Data output to IC542
45,46	VOL+/-	I	Volume rotary encoder input (+/-)
47	MPX	I	Stereo detect
48	FVOLDA	O	Front volume data output
49	SLCCE	O	SLC Chip enable signal output to IC303,IC304
50	RVOLDA	O	Rear volume data output
51~59	G9~1	O	FL grid control signal output
60~89	P1~30	O	FL segment control signal output
90	SABCE	O	SA BASS Chip enable signal output
91	PROCE	O	ProLogic Chip enable signal output
92	DSPCE	O	DSP Chip enable signal output
93	EXTCE	O	EXT Chip enable signal output
94	VOLCK	O	Clock signal output to IC401
95	SMUTE	O	System mute control signal output
96	OSDCE	-	Not used
97	POUT	O	Power ON/OFF
98	TUCE	O	TUNER Chip enable signal output
99	VC3RESET	O	VC3 Reset output
100	VPP	-	Power supply

■ MN102LP25GGB(IC401):UNIT CPU

Pin No.	Symbol	I/O	Function	Pin No.	Symbol	I/O	Function
1	WAIT	I	Micon wait signal input	51	SWCLOSE	I	Detection switch of tray close
2	RE	O	Read enable	52	SWOPEN	I	Detection switch of tray open
3	MUTE	O	Driver mute	53	ADSCEN	O	Serial enable signal for ADSC
4	WEM	O	Write enable	54	VDD	-	Non connect
5	CS0	O	Non connect	55	EFPEN	O	Serial enable signal for FEP
6	CS1	O	Chip select for ODC	56	SLEEP	O	Standby signal for FEP
7	CS2	O	Chip select for ZIVA	57	BUSY	I	Communication busy
8	CS3	O	Chip select for outer ROM	58	REQ	O	Communication Request
9	TCLOSE	O	Tray close signal output	59	WEROM	O	Non connect
10	TOPEN	O	Tray open signal output	60	WPROM	O	Non connect
11	LSIRST	I	LSI reset	61	VSS	-	Power supply
12	WORD	O	Bus selection input	62	EECS	O	Chip select signal for EEPROM
13	A0	O	Address bus 0 for CPU	63	EECK	O	Clock signal for EEPROM
14	A1	O	Address bus 1 for CPU	64	EEDI	I	Input data for EEPROM
15	A2	O	Address bus 2 for CPU	65	EEDO	O	Output data for EEPROM
16	A3	O	Address bus 3 for CPU	66	VDD	-	Power supply
17	VDD	-	Power supply	67	SCLK0	I	Communication clock
18	SYSCLK	O	System clock signal output	68	S2UDT	I	Communication input data
19	VSS	-	Power supply	69	S2SDT	O	Communication output data
20	XI	-	Non connect	70	CPSCK	O	Clock for ADSC serial
21	XO	-	Non connect	71	SDIN	I	ADSC serial data input
22	VDD	-	Power supply	72	SDOUT	O	ADSC serial data output
23	OSCI	I	Clock signal input(13.5MHz)	73	-	-	Non connect
24	OSCO	-	Non connect	74	-	-	Non connect
25	MODE	I	CPU Mode selection input	75	NMI	-	Non connect
26	A4	O	Address bus 4 for CPU	76	ADSCIRQ	I	Interrupt input of ADSC
27	A5	O	Address bus 5 for CPU	77	ODCIRQ	I	Interrupt input of ODC
28	A6	O	Address bus 6 for CPU	78	DECIRQ	I	Interrupt input of ZIVA
29	A7	O	Address bus 7 for CPU	79	WAKEUP	O	Non connect
30	A8	O	Address bus 8 for CPU	80	ODCIRQ2	I	Non connect
31	A9	O	Address bus 9 for CPU	81	ADSEP	I	Address data selection input
32	A10	O	Address bus 10 for CPU	82	RST	I	Reset input
33	A11	O	Address bus 11 for CPU	83	VDD	-	Power supply
34	VDD	-	Power supply	84	TEST1	I	Test signal 1 input
35	A12	O	Address bus 12 for CPU	85	TEST2	I	Test signal 2 input
36	A13	O	Address bus 13 for CPU	86	TEST3	I	Test signal 3 input
37	A14	O	Address bus 14 for CPU	87	TEST4	I	Test signal 4 input
38	A15	O	Address bus 15 for CPU	88	TEST5	I	Test signal 5 input
39	A16	O	Address bus 16 for CPU	89	TEST6	I	Test signal 6 input
40	A17	O	Address bus 17 for CPU	90	TEST7	I	Test signal 7 input
41	A18	O	Address bus 18 for CPU	91	TEST8	I	Test signal 8 input
42	A19	O	Address bus 19 for CPU	92	VSS	-	Power supply
43	VSS	-	Power supply	93	D0	I/O	Data bus 0 of CPU
44	A20	O	Address bus 20 for CPU	94	D1	I/O	Data bus 1 of CPU
45	-	-	Non connect	95	D2	I/O	Data bus 2 of CPU
46	STOP	-	Non connect	96	D3	I/O	Data bus 3 of CPU
47	ADPD	-	Non connect	97	D4	I/O	Data bus 4 of CPU
48	-	-	Non connect	98	D5	I/O	Data bus 5 of CPU
49	-	-	Non connect	99	D6	I/O	Data bus 6 of CPU
50	TRVSW	I	Detection switch of traverse inside	100	D7	I/O	Data bus 7 of CPU

■ JCV8005-2(IC351):CPPM

1.Pin layout



2.Pin function

JCV8005-2 1/2

Pin No.	Symbol	I/O	Description
1	VDD	-	Power supply
2	GND	-	Connect to ground
3~10	HDATA0~7	I/O	Data input/output terminal (both by 8 bits)
11	VDD	-	Power supply
12	GND	-	Connect to ground
13~20	HADDR0~7	I	8 bit address bus to internal address (connect to host)
21	VDD	-	Power supply
22	GND	-	Connect to ground
23	NCS	I	Chip select signal from host
24	NRD	I	Data read signal from host
25	NWR	I	Data write signal from host
26	NIRQ	O	Interrupt of request to host
27	WAIT	O	Wait demand to host
28	NRESET	I	Reset signal from host
29	VDD	-	Power supply
30	GND	-	Connect to ground
31	VDD	-	Power supply
32	GND	-	Connect to ground
33~36	STD7~4_OUT	O	Data output to DVD decoder (8 bits)
37	GND	-	Connect to ground
38~41	STD3~0_OUT	O	Data output to DVD decoder (8 bits)
42	VDD	-	Power supply
43	GND	-	Connect to ground
44	REQ_IN	I	Request signal for forwarding control by decoder
45	DACK_OUT	O	Output signal to decoder which shows effective data
46	STCLK_OUT	O	Data strobe signal to decoder
47	SYNC_OUT	O	Sector sink signal to decoder
48	STERROUT	-	Non connect
49	VDD	-	Power supply
50	GND	-	Connect to ground
51	VDD	-	Power supply
52	GND	-	Connect to ground
53	NG_RD	I	Glue logic input signal from host
54	NG_WR	I	Glue logic input signal from host
55	G_WITODC	I	Glue logic input signal from front end
56	G_CSDEC	I	Glue logic input signal from host
57	G_WITDEC	I	Glue logic input signal from decoder
58	VDD	-	Power supply
59	GND	-	Connect to ground
60	WAIT1	O	Glue logic output signal to host

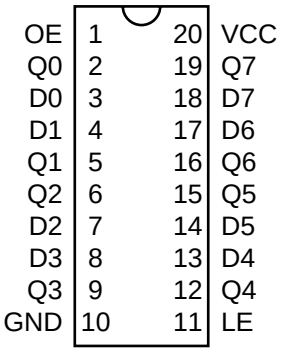
2.Pin function

JCV8005-2 2/2

Pin No.	Symbol	I/O	Description
61	WAIT2	-	Non connect
62	WAITIN	I	Glue logic input signal (connect to 27 pin)
63	VDD	-	Power supply
64	GND	-	Connect to ground
65	TEST_IN	I	Connect to ground
66,67	NC	-	Non connect
68	VDD	-	Power supply
69	GND	-	Connect to ground
70	CLKOCTL	I	Input terminal for crystal-oscillator circuit on/off control
71	NC	-	Non connect
72	OSCI	I	Crystal oscillation terminal (input side)
73	OSCO	O	Crystal oscillation terminal (output side)
74	NC	-	Non connect
75	VDD	-	Power supply
76	GND	-	Connect to ground
77	33OUT	O	Oscillation output terminal
78	16OUT	O	Oscillation output terminal
79	VDD	-	Power supply
80	GND	-	Connect to ground
81	VDD	-	Power supply
82	GND	-	Connect to ground
83	STERR_IN	I	Presence of data error from front end
84	SYNC_IN	I	Sector sink signal from front end
85	STCLK_IN	I	Data clock signal from front end
86	DACK_IN	I	Signal which shows effective data from front end
87	REQ_OUT	O	Request signal for forwarding control to front end
88	VDD	-	Power supply
89	GND	-	Connect to ground
90~93	STD0~3_IN	I	Data input from front end (8 bits)
94	GND	-	Connect to ground
95~98	STD4~7_IN	I	Data input from front end (8 bits)
99	VDD	-	Power supply
100	GND	-	Connect to ground

■ TC74LCX373FT-X(IC512,IC513)

1.Pin layout



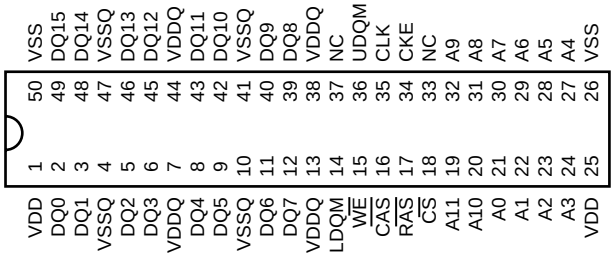
2.Truth table

INPUTS			OUTPUTS
OE	LE	D	
H	X	X	Z
L	L	X	Qn
L	H	L	L
L	H	H	H

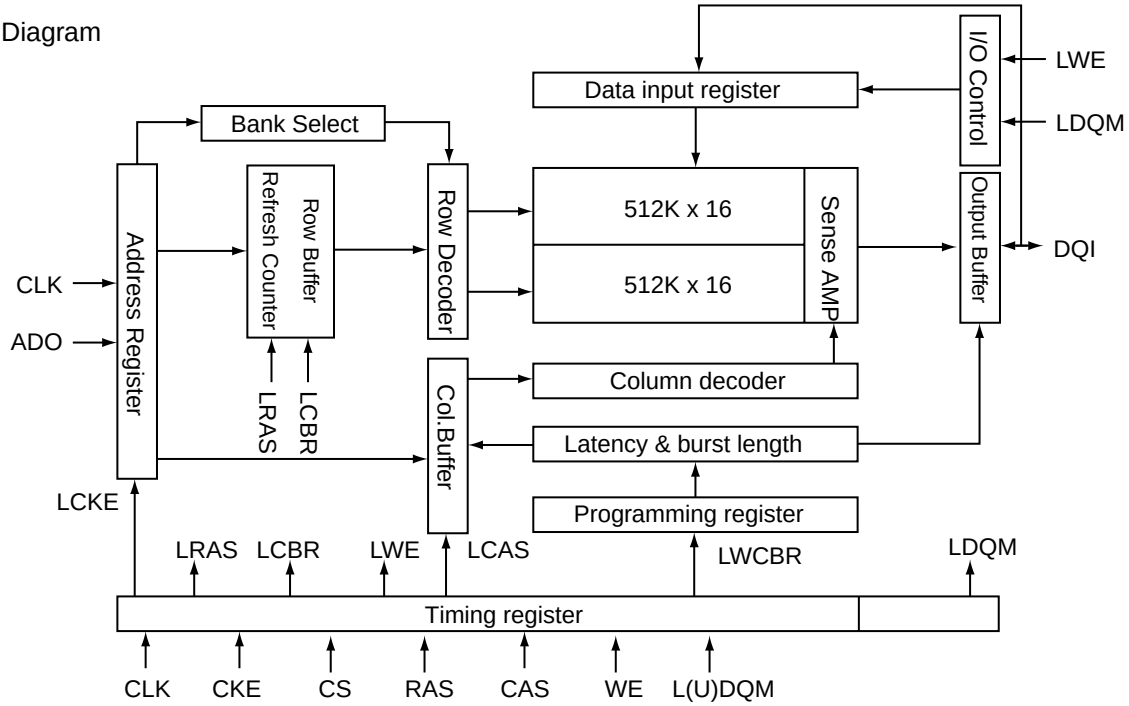
X : Don't care
Z : High impedance
Qn : Q outputs are latched at the time when the LE input is taken to a low logic level.

■ KM416S1120DT-G8(IC504,IC505,IC506,IC507):DRAM

1.Terminal Layout



2.Block Diagram

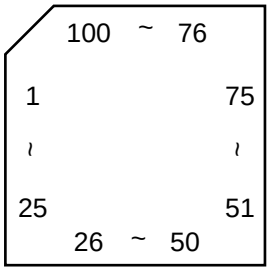


3.Pin Function

Pin No.	Symbol	Function	Pin No.	Symbol	Function
1	VDD	Power Supply	26	VSS	To Ground
2	DQ0	Data Input/Output	27	A4	Address
3	DQ1	Data Input/Output	28	A5	Address
4	VSSQ	To Ground	29	A6	Address
5	DQ2	Data Input/Output	30	A7	Address
6	DQ3	Data Input/Output	31	A8	Address
7	VDDQ	Power Supply	32	A9	Address
8	DQ4	Data Input/Output	33	NC	Non Connection
9	DQ5	Data Input/Output	34	CKE	Clock Enable
10	VSSQ	To Ground	35	CLK	System Clock
11	DQ6	Data Input/Output	36	UDOM	Data Input/Mask Output
12	DQ7	Data Input/Output	37	NC	Non Connection
13	VDDQ	Power Supply	38	VDDQ	Power Supply
14	LDQM	Data Input/Mask Output	39	DQ8	Data Input/Output
15	$\overline{WE}$	Write Enable	40	DQ9	Data Input/Output
16	$\overline{CAS}$	Column Address Strobe	41	VSSQ	To Ground
17	$\overline{RAS}$	Raw Address Strobe	42	DQ10	Data Input/Output
18	$\overline{CS}$	Chip Select	43	DQ11	Data Input/Output
19	A11	Address	44	VDDQ	Power Supply
20	A10	Address	45	DQ12	Data Input/Output
21	A0	Address	46	DQ13	Data Input/Output
22	A1	Address	47	VSSQ	To Ground
23	A2	Address	48	DQ14	Data Input/Output
24	A3	Address	49	DQ15	Data Input/Output
25	VDD	Power Supply	50	VSS	To Ground

■MN101C35DGA(IC901):Front Controller

1.Terminal Layout

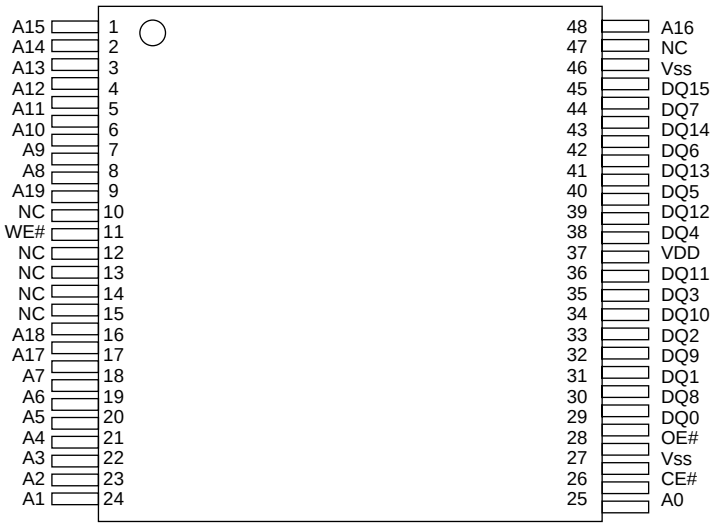


2.Pin Function

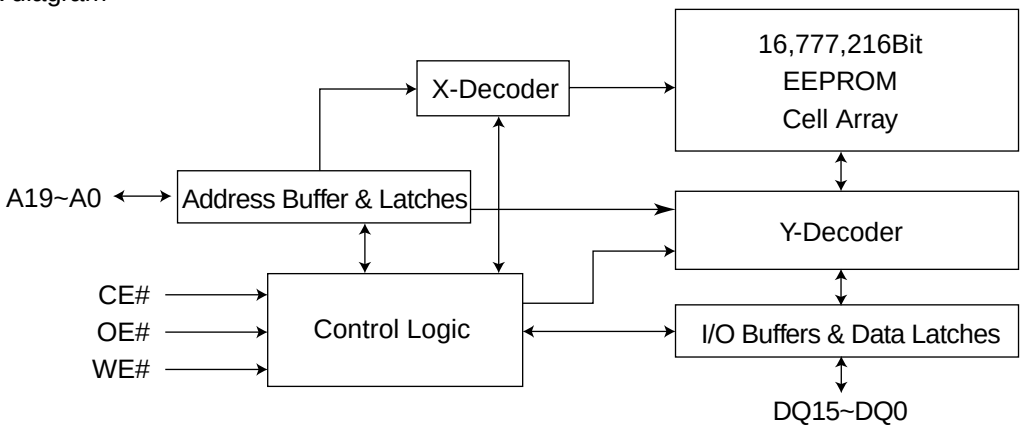
Pin No.	Symbol	I/O	Function
1	TXD	O	Serial Data Output
2	RXD	I	Serial Data Input
3	SCK	I	Serial Clock
4,5	P04,P05	-	Non Connection
6	POWERON	O	FL Display Power Control
7	RESET	I	Reset Signal Input
8	VDD	-	Power Supply
9,10	OSC1,2	I	Oscillator Terminal
11	VSS	-	To Ground
12	X1	-	To Ground
13	X0	-	Non Connection
14	MMOD	-	To Ground
15	VREF-	-	To Ground
16~23	AN0~7	-	To Ground
24	VREF+	-	Power Supply
25	P07	-	Non Connection
26	RST	I	Reset Signal
27~29	KEYI0~2	I	Key Matrix Input 0~2
30,31		-	To Ground
32	MUTE	O	Muting control Output
33	REMO		
34	AVCI		
35	CS	I	Chip Select Input
36~38	P23~P25	-	Non Connection
39~41		-	To Ground
42~44	KEYO0~2	O	Key Matrix Output 0~2
45	KEYO3	-	Non Connection
46	P54	-	Non Connection
47	DOFFIND	O	DISPLAY OFF Indicator Control
48	STANDBYIND	O	STANDBY Indicator Control
49	AUDIOIND	O	DVD AUDIO Indicator Control
50	44IND	O	DIGITAL DIRECT PROGRESSIVE Indicator Control
51	48IND	O	44.1kHz/48kHz Indicator Control
52	96IND	O	88.2kHz/96kHz Indicator Control
53	192IND	O	176.4kHz/192kHz Indicator Control
54~64	DGT10~0	O	FL Grid Control Signal Output
65~72	SEG27~34	O	FL Segment Control Signal Output
73~99	SEG0~26	O	FL Segment Control Signal Output
100	VPP	-	Power Supply

■ SST39VF160 (IC508,509) : 16M EEPROM

1. Pin layout



2. Block diagram



3. Pin function

Symbol	Pin name	Function
A19~A0	Address Inputs	To provide memory addresses. During sector erase A19~A11 address lines will select the sector. During block erase A19~A15 address lines will select the block.
DQ15~DQ0	Data Input/Output	To output data during read cycles and receive input data during write cycles. Data is internally latched during a write cycle. The outputs are in tri-state when OE# or CE# is high.
CE#	Chip Enable	To activate the device when CE# is low.
OE#	Output Enable	To gate the data output buffers.
WE#	Write Enable	To control the write operations.
VDD	Power Supply	To provide 3-volt supply (2.7V-3.6V).
Vss	Ground	
NC	No Connection	Unconnected pins.

<<MEMO>>

XV-D721BK
XV-D723GD

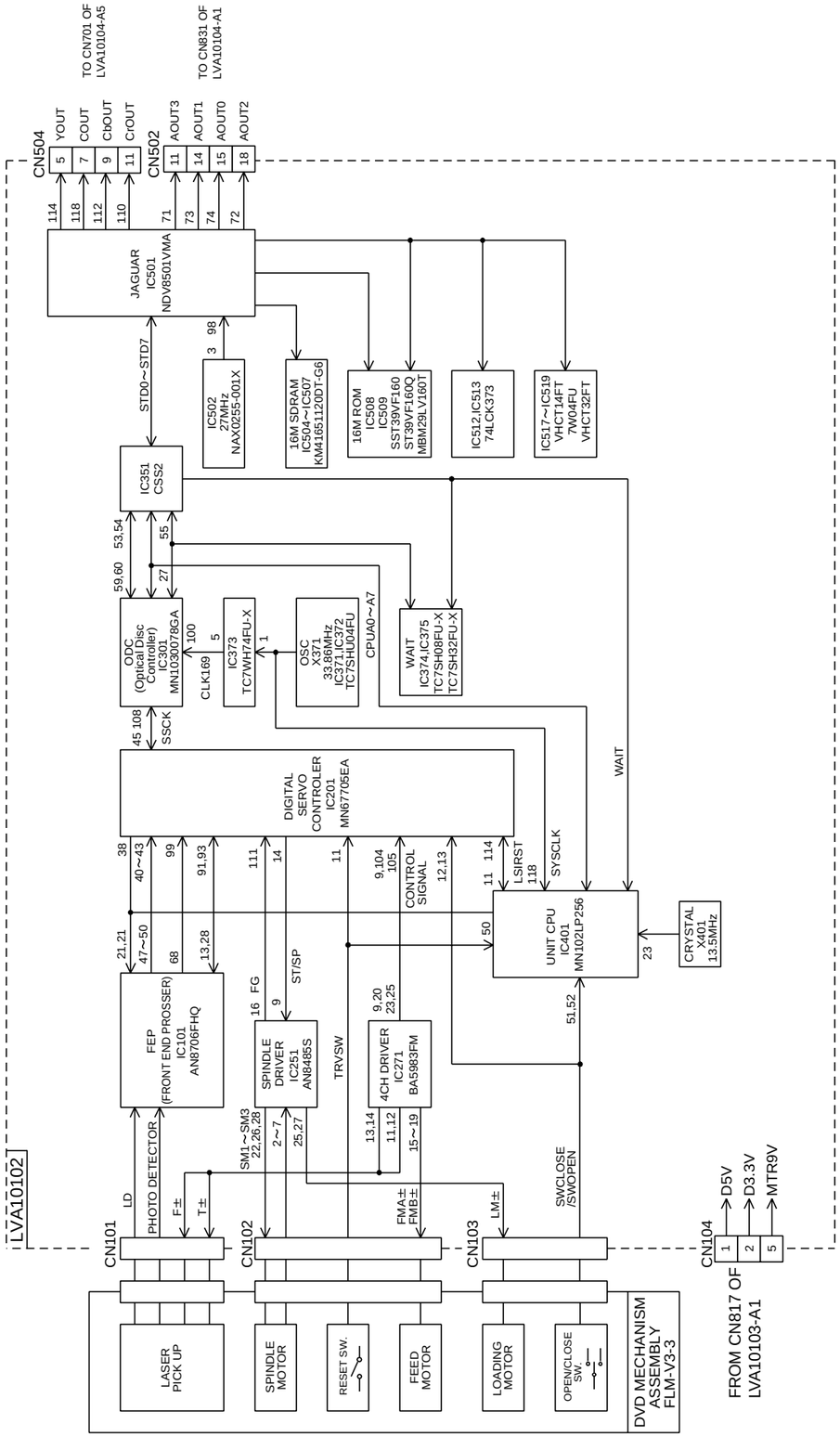
JVC

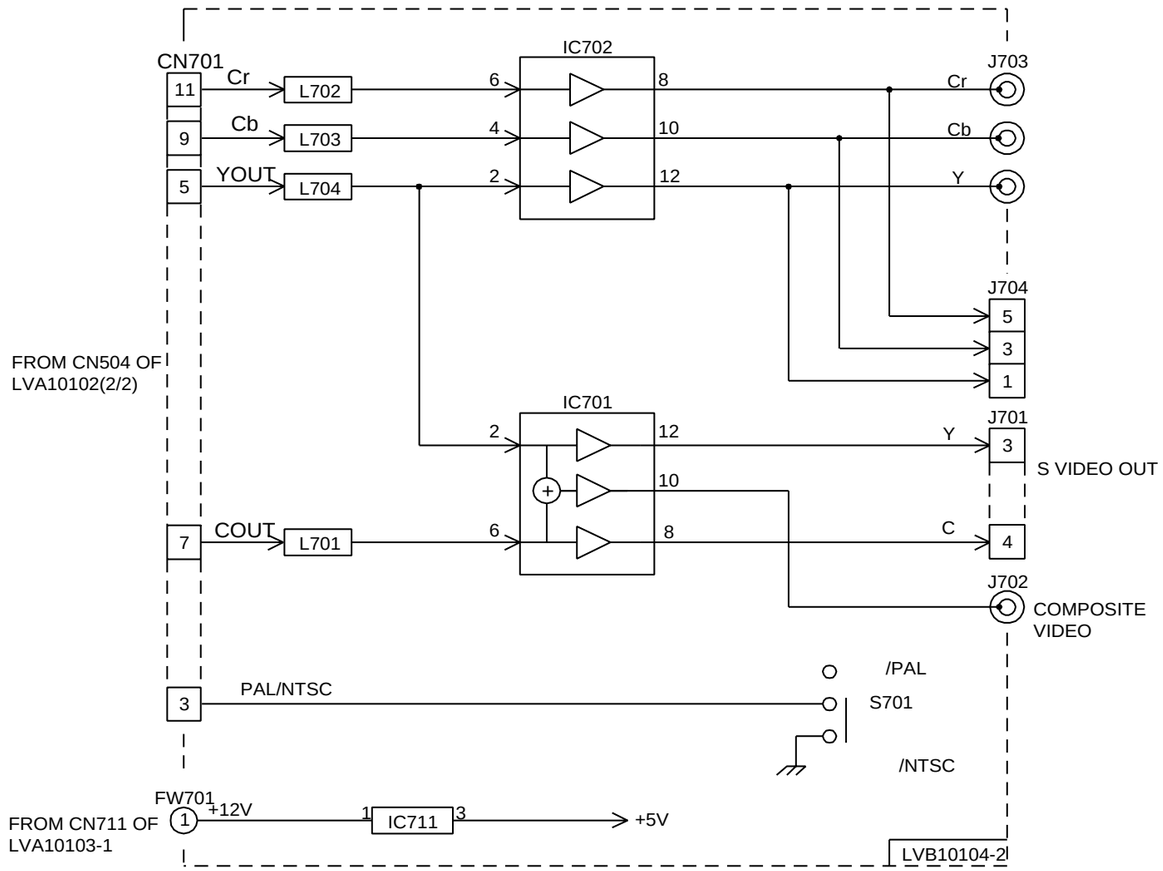
VICTOR COMPANY OF JAPAN, LIMITED
OPTICAL DISC BUSINESS DIV. PERSONAL & MOBILE NETWORK BUSINES UNIT
AV & MULTIMEDIA COMPANY 1644. Shimotsuruma, Yamato, Kanagawa, 242-8514, Japan

No.A0002

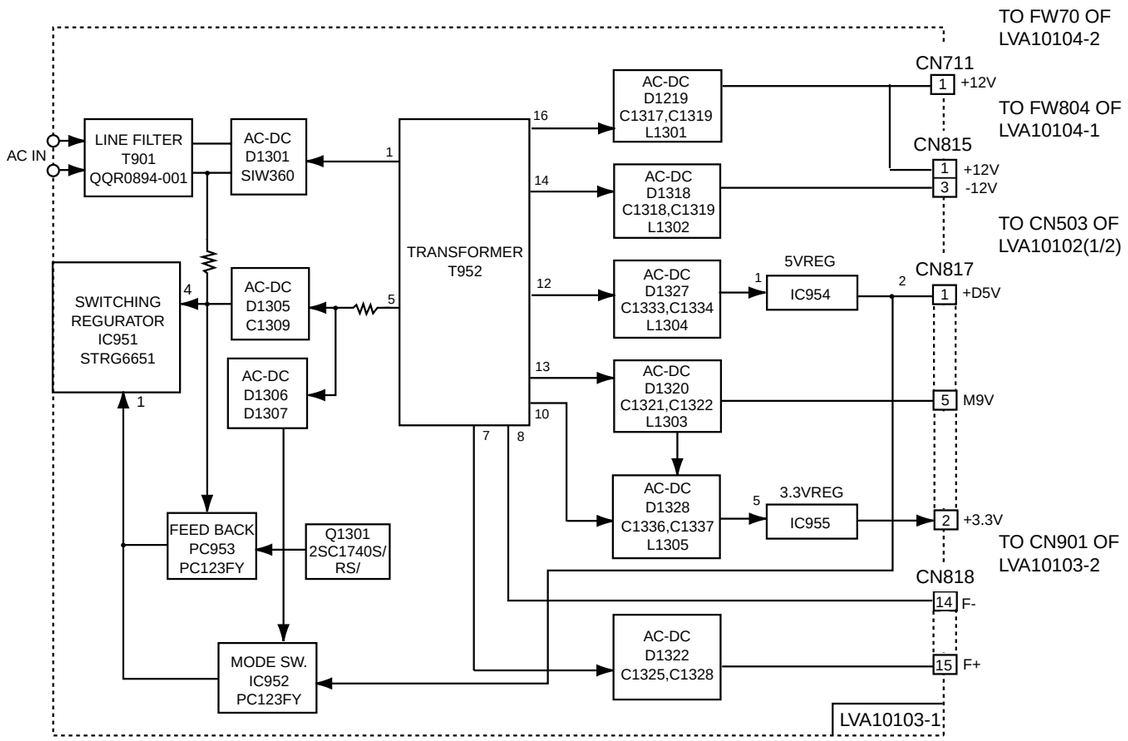
Printed in Japan
200011(O)

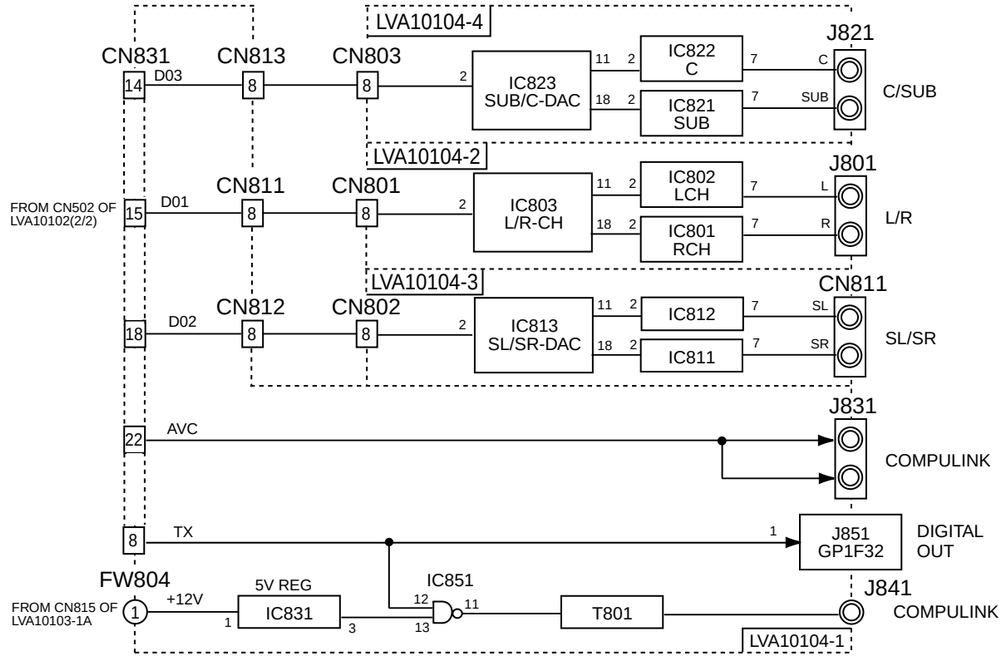
Block diagrams

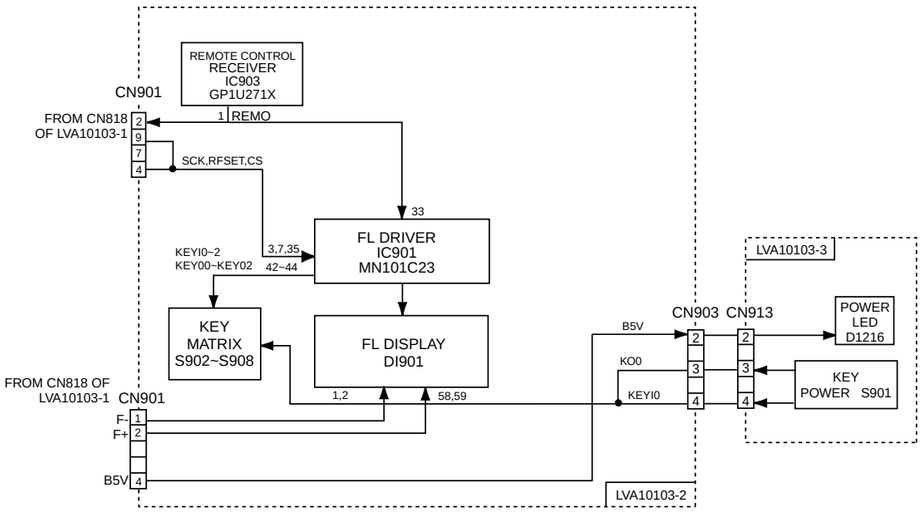




XV-D721BK
XV-D723GD







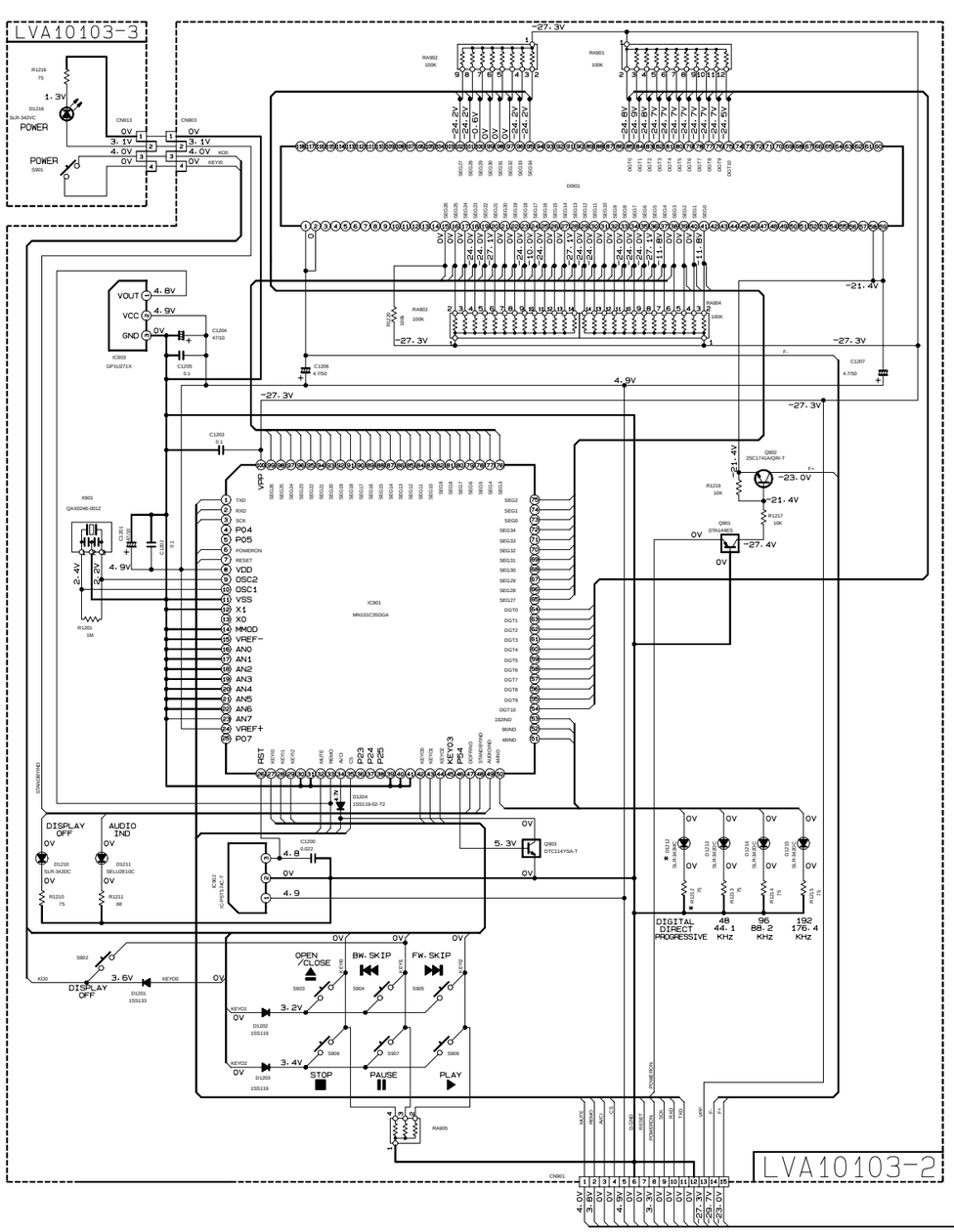
Standard schematic diagrams

■ Display control section

⚠ Parts are safety assurance parts. When replacing those parts make sure to use the specified one.

*MARK

	J/C	B/EG/ES/EN/EE	A/2U/3U/4U/UB/UF/US/UT/UX/UY/1U
D1212	USE	NONE	USE
R1212	USE	NONE	USE
R1301/R1302	470KΩ	470KΩ	750KΩ
R1303	0.47Ω 2W	0.56Ω 2W	0.47Ω 2W
C1304	150μF/200V	82μF/400V	120μF/400V
F951	1.6A-125V	T1.6A	T1.6A
~AC IN	AC 120V/60Hz	AC 230V/50Hz	AC 110-230V/50.60Hz
HS951	NONE	USE	USE
C1302/1303	1000P/AC250V	2200P/AC250V	2200P/AC250V



XV-D721BKJ
XV-D723GDJ

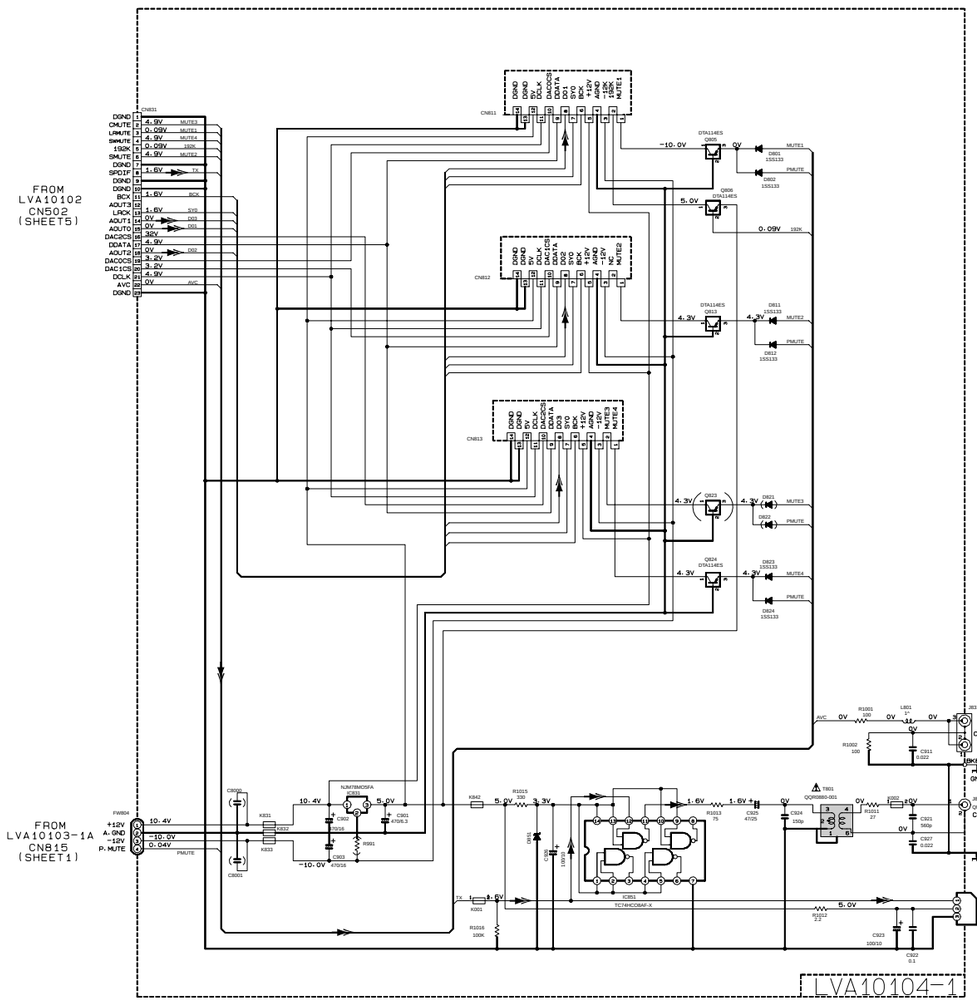
LVS10038

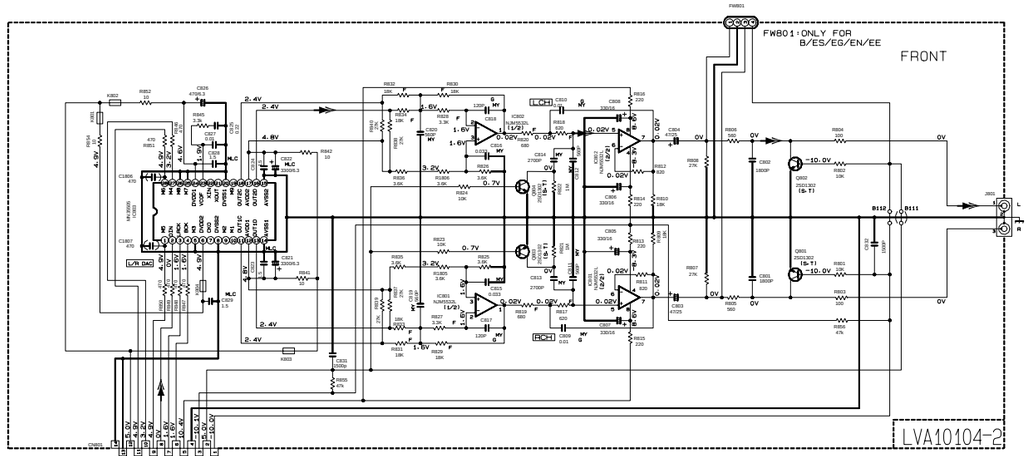
SHEET 1

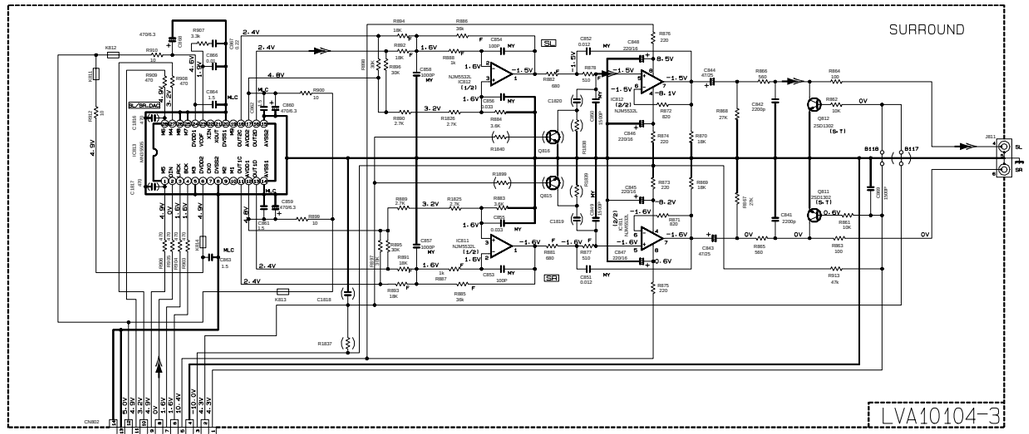
XV-D721BK
XV-D723GD

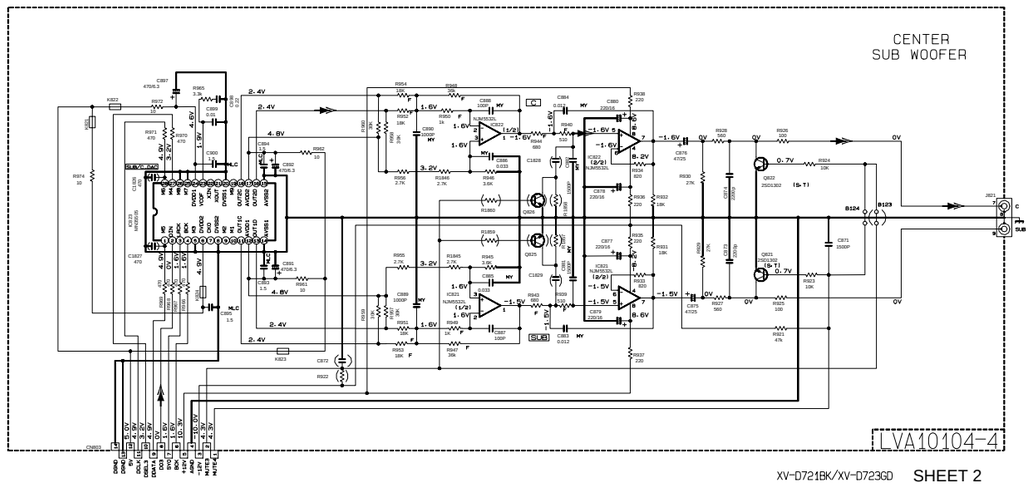
■ Audio signal output section

AUDIO SIGNAL



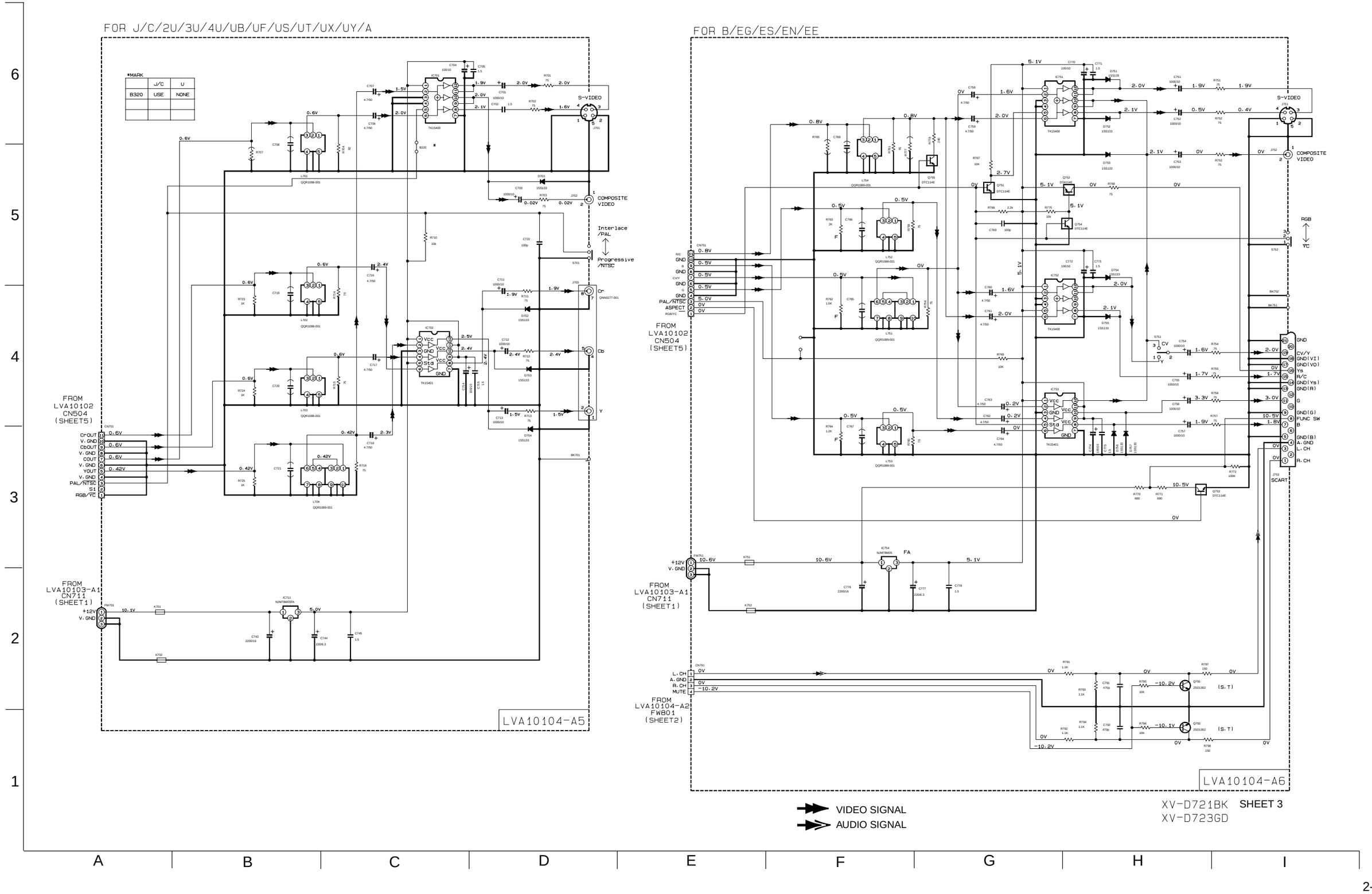






⚠ Parts are safety assurance parts. When replacing those parts make sure to use the specified one.

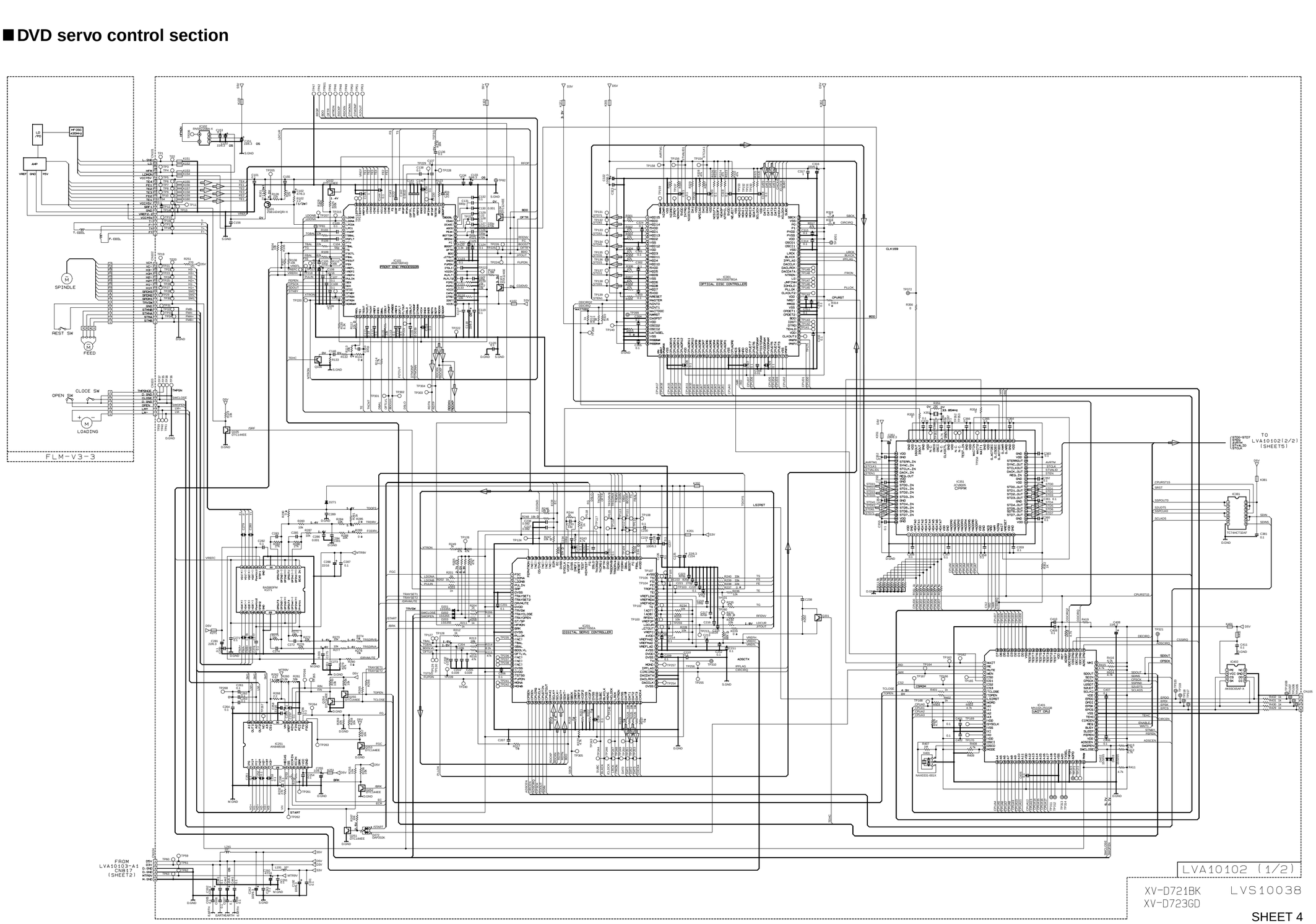
■ Video signal output section



	XV-D721BK XV-D723GD	XV-D721BK XV-D723GD

<<MEMO>>

■DVD servo control section



■ DSP section

LVA10102(2/2)

FROM LVA10102(1/2) (SHEET4)
STD0-STD7
STEN
AVRTM
STVALID
STCLK

TO LVA10104-A5 CN701 (SHEET3)

TO LVA10104-A1 CN831 (SHEET2)

FROM LVA10103-A1 CN816 (SHEET1)

	E	OTHERS
R567	75Ω	82Ω
R572	82Ω	75Ω

DIGTIAL DATA SIGNAL
VIDEO SIGNAL
AUDIO SIGNAL

XV-D721BK
XV-D723GD
SHEET 5

■ Voltage value of main board

IC101

NO	DC(V)	NO	DC(V)
1	0.6V	51	3.2V
2	0.6V	52	0V
3	4.5V	53	4.9V
4	0V	54	0V
5	1.6V	55	5.0V
6	1.6V	56	0.6V
7	2.7V	57	1.3V
8	2.2V	58	2.2V
9	1.6V	59	2.7V
10	1.2V	60	2.7V
11	0.8V	61	1.6V
12	1.3V	62	1.6V
13	1.3V	63	0V
14	1.3V	64	1.3V
15	0.6V	65	0.2V
16	1.4V	66	0V
17	2.1V	67	1.6V
18	1.6V	68	1.4V
19	5.0V	69	0V
20	5.0V	70	1.7V
21	5.0V	71	2.5V
22	5.0V	72	1.0V
23	1.6V	73	2.2V
24	5.0V	74	2.9V
25	0V	75	3.4V
26	1.2V	76	3.8V
27	0V	77	1.2V
28	1.3V	78	2.1V
29	1.3V	79	2.1V
30	0V	80	2.1V
31	2.2V	81	5.0V
32	0V	82	0V
33	1.4V	83	2.2V
34	1.3V	84	3.9V
35	0V	85	3.4V
36	0V	86	2.2V
37	2.2V	87	2.2V
38	2.2V	88	1.3V
39	4.6V	89	2.2V
40	3.9V	90	1.3V
41	2.1V	91	2.2V
42	2.9V	92	2.2V
43	2.8V	93	5.0V
44	5.0V	94	2.2V
45	0V	95	2.2V
46	0V	96	2.2V
47	0V	97	2.2V
48	1.6V	98	2.2V
49	1.6V	99	2.2V
50	1.6V	100	2.2V

IC102

NO	DC(V)
1	0V
2	5.0V
3	0V
4	0V
5	0V
6	0V

IC201

NO	DC(V)	NO	DC(V)	NO	DC(V)
1	3.2V	51	0V	101	1.4V
2	0V	52	3.2V	102	1.4V
3	0V	53	0V	103	0V
4	0V	54	0V	104	1.6V
5	3.2V	55	3.2V	105	1.6V
6	0V	56	0V	106	3.2V
7	3.2V	57	0V	107	2.9V
8	3.2V	58	0V	108	2.9V
9	3.2V	59	0V	109	1.6V
10	3.2V	60	0V	110	2.7V
11	2.9V	61	0V	111	2.7V
12	2.9V	62	0V	112	0V
13	2.9V	63	0V	113	0V
14	3.2V	64	0V	114	0V
15	0V	65	0V	115	3.8V
16	3.2V	66	0V	116	0V
17	0V	67	0V	117	0V
18	0V	68	0V	118	0V
19	1.4V	69	3.2V	119	0V
20	1.6V	70	0V	120	0V
21	1.6V	71	0V	121	0V
22	2.0V	72	0V	122	0V
23	1.6V	73	0V	123	0V
24	1.6V	74	0V	124	0V
25	1.6V	75	0V	125	0V
26	1.6V	76	0V	126	0V
27	0V	77	1.4V	127	0V
28	0V	78	2.1V	128	1.8V
29	3.2V	79	3.2V		
30	1.6V	80	1.4V		
31	3.2V	81	1.3V		
32	0V	82	1.8V		
33	5.0V	83	0V		
34	5.0V	84	0V		
35	3.2V	85	0V		
36	5.0V	86	1.3V		
37	5.0V	87	1.4V		
38	1.5V	88	2.1V		
39	0V	89	1.4V		
40	1.6V	90	0.6V		
41	1.6V	91	1.4V		
42	1.6V	92	0V		
43	1.6V	93	1.4V		
44	2.9V	94	1.4V		
45	0V	95	1.4V		
46	0V	96	0V		
47	3.2V	97	3.2V		
48	0V	98	1.4V		
49	0V	99	1.4V		
50	0V	100	1.4V		

IC251

NO	DC(V)
1	0V
2	5.0V
3	5.0V
4	5.0V
5	5.0V
6	5.0V
7	5.0V
8	5.0V
9	0V
10	2.2V
11	2.2V
12	0V
13	5.0V
14	0V
15	0V
16	2.7V
17	0V
18	5.0V
19	5.0V
20	7.7V
21	8.5V
22	8.5V
23	0V
24	0V
25	1.0V
26	0V
27	1.0V
28	0V
29	0V
30	0V

IC271

NO	DC(V)
1	1.4V
2	1.4V
3	1.4V
4	1.4V
5	1.4V
6	1.4V
7	1.4V
8	0V
9	3.2V
10	5.0V
11	2.5V
12	2.5V
13	2.5V
14	2.5V
15	3.2V
16	4.6V
17	3.4V
18	4.5V
19	8.5V
20	3.2V
21	0V
22	1.2V
23	1.4V
24	1.4V
25	1.2V
26	1.4V
27	0V
28	9.9V
29	0V
30	0V

IC301

NO	DC(V)	NO	DC(V)	NO	DC(V)
1	0V	51	5.3V	101	0V
2	0V	52	2.1V	102	3.3V
3	5.0V	53	2.0V	103	3.0V
4	0V	54	2.5V	104	0V
5	5.0V	55	1.8V	105	0V
6	0.4V	56	0V	106	0V
7	5.0V	57	0V	107	0V
8	0V	58	5.0V	108	0V
9	0V	59	5.0V	109	0V
10	3.3V	60	5.0V	110	0V
11	3.3V	61	3.3V	111	0V
12	0.4V	62	3.3V	112	0V
13	0.4V	63	0V	113	0V
14	0.4V	64	4.0V	114	3.3V
15	5.0V	65	0V	115	3.2V
16	5.0V	66	0V	116	3.2V
17	0.3V	67	0V	117	0V
18	0V	68	0V	118	0V
19	0V	69	0V	119	0V
20	0.3V	70	0V	120	0V
21	0.4V	71	0V	121	0V
22	5.0V	72	0V	122	5.0V
23	5.0V	73	0V	123	5.0V
24	5.0V	74	0V	124	5.0V
25	3.2V	75	1.6V	125	0.3V
26	3.3V	76	3.3V	126	5.0V
27	3.2V	77	0V	127	5.0V
28	3.2V	78	3.3V	128	3.3V
29	0V	79	0V	129	0V
30	0V	80	0.2V	130	5.0V
31	3.3V	81	0V	131	0.3V
32	0V	82	0V	132	0V
33	0V	83	0V	133	5.0V
34	0V	84	0V	134	2.7V
35	0V	85	5.0V	135	0V
36	0V	86	3.3V	136	5.0V
37	0V	87	0V	137	5.0V
38	0V	88	0V	138	5.0V
39	0V	89	0V	139	5.0V
40	5.0V	90	0V	140	2.0V
41	5.0V	91	0V	141	0V
42	5.0V	92	3.2V	142	0V
43	2.0V	93	0V	143	4.2V
44	3.3V	94	0V	144	0V
45	0V	95	0V		
46	0.3V	96	3.2V		
47	4.3V	97	0V		
48	4.3V	98	1.6V		
49	2.7V	99	1.5V		
50	2.8V	100	3.3V		

IC351

NO	DC(V)	NO	DC(V)
1	3.2V	51	3.2V
2	0V	52	0V
3	0V	53	5.0V
4	0V	54	5.0V
5	0V	55	3.2V
6	0V	56	0V
7	0V	57	0V
8	0V	58	0V
9	0V	59	0V
10	0V	60	3.2V
11	3.2V	61	0V
12	0V	62	0V
13	0.5V	63	3.2V
14	1.8V	64	0V
15	2.5V	65	0V
16	2.1V	66	0V
17	1.7V	67	0V
18	3.5V	68	3.2V
19	2.8V	69	0V
20	3.3V	70	3.2V
21	3.2V	71	0V
22	0V	72	0V
23	5.0V	73	0V
24	5.0V	74	0V
25	5.0V	75	0V
26	3.2V	76	0V
27	0V	77	1.6V
28	5.0V	78	1.6V
29	3.2V	79	0V
30	0V	80	0V
31	3.2V	81	3.2V
32	0V	82	0V
33	0V	83	0V
34	0V	84	5.0V
35	0V	85	0V
36	0V	86	0V
37	0V	87	0.2V
38	0V	88	3.2V
39	0V	89	0V
40	0V	90	0V
41	0V	91	0V
42	0V	92	0V
43	0V	93	0V
44	0V	94	0V
45	0V	95	0V
46	0V	96	0V
47	0V	97	0V
48	0V	98	0V
49	3.2V	99	3.2V
50	0V	100	0V

IC381

NO	DC(V)
1	1.8V
2	1.8V
3	0V
4	1.8V
5	1.8V
6	5.0V
7	0V
8	0V
9	1.5V
10	1.5V
11	5.0V
12	3.3V
13	3.3V
14	5.0V

IC401

NO	DC(V)	NO	DC(V)
1	3.2V	51	0.6V
2	5.0V	52	5.0V
3	5.0V	53	5.0V
4	5.0V	54	5.0V
5	0V	55	5.0V
6	5.0V	56	5.0V
7	5.0V	57	5.0V
8	5.0V	58	0V
9	5.0V	59	5.0V
10	5.0V	60	0V
11	5.0V	61	0V
12	5.0V	62	0V
13	0.5V	63	0V
14	1.8V	64	0V
15	2.5V	65	2.1V
16	2.1V	66	5.0V
17	5.0V	67	5.0V
18	2.4V	68	0V
19	0V	69	0V
20	0V	70	5.0V
21	4.9V	71	0V
22	5.0V	72	5.0V
23	2.5V	73	5.0V
24	2.5V	74	5.0V
25	5.0V	75	5.0V
26	0V	76	3.2V
27	0V	77	3.2V
28	0V	78	0V
29	5.0V	79	3.2V
30	0V	80	3.2V
31	5.0V	81	5.0V
32	0V	82	5.0V
33	0V	83	5.0V
34	5.0V	84	4.9V
35	5.0V	85	4.9V
36	0V	86	0V
37	0V	87	0V
38	5.0V	88	0V
39	5.0V	89	0V
40	0V	90	0V
41	0V	91	0V
42	5.0V	92	0V
43	0V	93	0V
44	0V	94	0V
45	0V	95	0V
46	0V	96	0V
47	0V	97	0V
48	5.0V	98	0V
49	0V	99	0V
50	5.0V	100	0V

CN101

NO	DC(V)
1	4.0V
2	4.0V
3	4.0V
4	0V
5	5.0V
6	2.2V
7	0V
8	0V
9	5.0V
10	2.2V
11	2.1V
12	2.2V
13	2.2V
14	2.1V
15	2.2V
16	5.0V
17	2.2V
18	0V
19	0V
20	0V
21	0V

CN102

NO	DC(V)
1	3.4V
2	3.2V
3	4.6V
4	4.5V
5	0V
6	5.0V
7	0V
8	0V
9	0V
10	5.0V
11	5.0V
12	5.0V
13	5.0V
14	5.0V
15	5.0V
16	5.0V
17	5.0V

CN103

NO	DC(V)
1	1.0V
2	0V
3	6.1V
4	0V
5	0V
6	0V
7	0V

CN104

NO	DC(V)
1	5.0V
2	3.3V
3	0V
4	0V
5	9.8V
6	0V

IC501

NO	DC(V)	NO	DC(V)	NO	DC(V)	NO	DC(V)	NO	DC(V)
1	3.2V	51	0.9V	101	2.5V	151	3.1V	201	0V
2	0.8V	52	0.9V	102	3.2V	152	3.2V	202	3.0V
3	0.8V	53	0.3V	103	0V	153	3.1V	203	3.0V
4	2.3V	54	1.1V	104	0V	154	3.2V	204	0V
5	0V	55	0.8V	105	0V	155	3.2V	205	3.5V
6	0V	56	0V	106	0V	156	3.2V	206	2.9V
7	0.9V	57	0V	107	3.2V	157	3.1V	207	2.9V
8	0.8V	58	0.8V	108	2.5V	158	3.1V	208	4.4V
9	1.1V	59	0V	109	0V	159	2.4V	209	3.0V
10	3.2V	60	0.8V	110	0.7V	160	2.4V	210	3.2V
11	0V	61	0.9V	111	1.1V	161	1.6V	211	4.4V
12	0V	62	3.2V	112	1.4V	162	0V	212	2.4V
13	0V	63	0.8V	113	3.2V	163	0V	213	5.0V
14	0V	64	1.1V	114	0.7V	164	3.1V	214	5.0V
15	1.4V	65	0V	115	0V	165	3.1V	215	0V
16	0V	66	1.7V	116	0V	166	3.2V	216	0V
17	0V	67	0V	117	2.5V	167	3.1V	217	0V
18	0V	68	1.6V	118	0V	168	3.2V	218	0V
19	3.2V	69	0V	119	1.2V	169	3.2V	219	0V
20	0V	70	0V	120	2.0V	170	3.2V	220	0V
21	1.9V	71	0V	121	0V	171	0V	221	0V
22	1.7V	72	0V	122	3.0V	172	0V	222	0V
23	0V	73	0V	123	2.9V	173	3.1V	223	0V
24	0V	74	0V	124	3.2V	174	3.1V	224	3.2
25	0.5V	75	3.2V	125	3.2V	175	3.1V	225	0V
26	0.5V	76	1.6V	126	3.0V	176	3.1V	226	0V
27	3.2V	77	2.3V	127	3.0V	177	0V	227	0V
28	0.4V	78	1.6V	128	3.0V	178	0V	228	0V
29	0V	79	1.6V	129	3.0V	179	3.0V	229	0V
30	0V	80	3.2V	130	2.9V	180	3.0V	230	0V
31	0V	81	4.1V	131	3.0V	181	3.2V	231	0.3V
32	0.4V	82	0V	132	0V	182	3.2V	232	0V
33	1.9V	83	3.6V	133	0V	183	0V	233	3.2V
34	2.3V	84	0V	134	3.0V	184	0V	234	1.6V
35	2.5V	85	0V	135	2.4V	185	0V	235	1.6V
36	3.2V	86	3.2V	136	3.0V	186	0V	236	2.4V
37	3.1V	87	3.2V	137	3.0V	187	3.2V	237	0V
38	2.7V	88	3.2V	138	3.0V	188	0V	238	0.8V
39	3.2V	89	2.4V	139	3.0V	189	3.2V	239	2.8V
40	0V	90	4.4V	140	3.2V	190	0V	240	0V
41	0V	91	3.2V	141	3.0V	191	0.3V		
42	0V	92	0V	142	3.0V	192	2.4V		
43	0.8V	93	3.2V	143	3.2V	193	3.2V		
44	3.2V	94	3.0V	144	3.2V	194	3.0V		
45	0.8V	95	0V	145	3.2V	195	3.0V		
46	0.8V	96	3.2V	146	3.2V	196	3.2V		
47	0V	97	0V	147	0V	197	3.0V		
48	0.8V	98	1.1V	148	0V	198	3.0V		
49	0V	99	1.1V	149	3.1V	199	3.0V		
50	0.8V	100	0V	150	3.2V	200	3.0V		

IC502

NO	DC(V)
1	2.3V
2	0V
3	1.5V
4	3.2V

IC504

NO	DC(V)
1	3.2V
2	0.8V
3	0.8V
4	0V
5	0.9V
6	0.8V
7	3.2V
8	0.8V
9	0.8V
10	0V
11	0.8V
12	1.1V
13	3.2V
14	0V
15	3.2V
16	2.6V
17	3.1V
18	2.5V
19	1.6V
20	0V
21	0V
22	0V
23	1.0V
24	1.8V
25	0V
26	0V
27	0V
28	0V
29	0V
30	0V
31	0V
32	0V
33	0V
34	3.2V
35	1.7V
36	0V
37	0V
38	3.2V
39	3.0V
40	3.0V
41	0V
42	3.0V
43	3.0V
44	3.2V
45	3.0V
46	3.0V
47	0V
48	3.0V
49	3.0V
50	0V

IC505

NO	DC(V)
1	3.2V
2	3.0V
3	3.0V
4	0V
5	3.0V
6	3.0V
7	3.2V
8	3.2V
9	3.0V
10	0V
11	3.0V
12	3.0V
13	3.2V
14	0V
15	3.2V
16	3.2V
17	3.2V
18	3.2V
19	0V
20	0V
21	0V
22	0V
23	0V
24	0V
25	3.2V
26	0V
27	0V
28	0V
29	0V
30	0V
31	0V
32	0V
33	0V
34	3.2V
35	1.7V
36	0V
37	0V
38	3.2V
39	3.0V
40	3.0V
41	0V
42	3.0V
43	3.0V
44	3.2V
45	3.0V
46	3.0V
47	0V
48	3.0V
49	3.0V
50	0V

IC508

NO	DC(V)
1	3.3V
2	3.3V
3	3.3V
4	3.3V
5	3.3V
6	3.3V
7	0V
8	3.3V
9	3.3V
10	0V
11	3.2V
12	0V
13	0V
14	0V
15	0V
16	3.3V
17	3.3V
18	3.3V
19	0V
20	3.3V
21	0V
22	0V
23	3.2V
24	3.2V
25	3.2V
26	3.2V
27	0V
28	3.2V
29	3.2V
30	0V
31	3.2V
32	3.2V
33	3.2V
34	0V
35	0V
36	0V
37	0V
38	3.2V
39	0V
40	0V
41	0V
42	0V
43	0V
44	0V
45	3.2V
46	0V
47	0V
48	3.3V

IC509

NO	DC(V)
1	0V
2	3.3V
3	0V
4	3.3V
5	0V
6	3.3V
7	3.3V
8	3.3V
9	3.3V
10	0V
11	3.2V
12	0V
13	0V
14	0V
15	0V
16	3.3V
17	3.3V
18	3.3V
19	3.3V
20	3.3V
21	3.3V
22	3.3V
23	3.2V
24	3.2V
25	0V
26	0V
27	0V
28	0V
29	3.2V
30	3.2V
31	0V
32	3.2V
33	3.2V
34	0V
35	0V
36	3.2V
37	0V
38	0V
39	3.2V
40	0V
41	3.2V
42	0V
43	3.2V
44	3.2V
45	3.2V
46	0V
47	0V
48	3.3V

IC510

NO	DC(V)
1	5.2V
2	5.0V
3	5.0V
4	5.0V
5	5.0V
6	0V
7	0V
8	0V

IC511

NO	DC(V)
1	3.2V
2	3.2V
3	0V
4	2.5V
5	1.6V

IC512

NO	DC(V)
1	0V
2	3.3V
3	3.2V
4	3.2V
5	3.3V
6	3.3V
7	3.2V
8	3.2V
9	3.3V
10	0V
11	0V
12	3.3V
13	3.2V
14	3.2V
15	3.3V
16	3.3V
17	3.2V
18	3.2V
19	3.3V
20	3.3V

IC513

NO	DC(V)
1	0V
2	3.3V
3	3.2V
4	3.2V
5	3.3V
6	3.3V
7	3.2V
8	3.2V
9	3.3V
10	0V
11	0V
12	3.3V
13	3.2V
14	3.2V
15	3.3V
16	3.3V
17	3.2V
18	3.2V
19	3.3V
20	3.3V

IC516

NO	DC(V)
1	3.6V
2	3.6V
3	5.0V
4	0V
5	3.6V
6	5.0V
7	5.0V
8	0V
9	0V
10	4.1V
11	0V
12	0V
13	5.0V
14	5.0V
15	0V
16	0V

IC517

NO	DC(V)
1	2.7V
2	0V
3	3.2V
4	0V
5	0.6V
6	0V
7	0V
8	0V
9	0V
10	2.4V
11	0.8V
12	0V
13	2.4V
14	0V

IC518

NO	DC(V)
1	0V
2	0V
3	0V
4	0V
5	5.0V
6	0V
7	5.0V
8	5.0V

IC519

NO	DC(V)
1	5.0V
2	3.2V
3	5.0V
4	3.2V
5	0V
6	5.0V
7	0V
8	5.0V
9	0V
10	3.2V
11	5.0V
12	3.2V
13	0V
14	5.0V

CN502

NO	DC(V)
1	0V
2	5.0V
3	5.0V
4	5.0V
5	5.0V
6	5.0V
7	0V
8	0.3V
9	0V
10	0V
11	0.3V
12	0V
13	0.3V
14	3.0V
15	0V
16	3.0V
17	5.0V
18	0V
19	3.0V
20	3.0V
21	0V
22	5.2V
23	0V

CN503

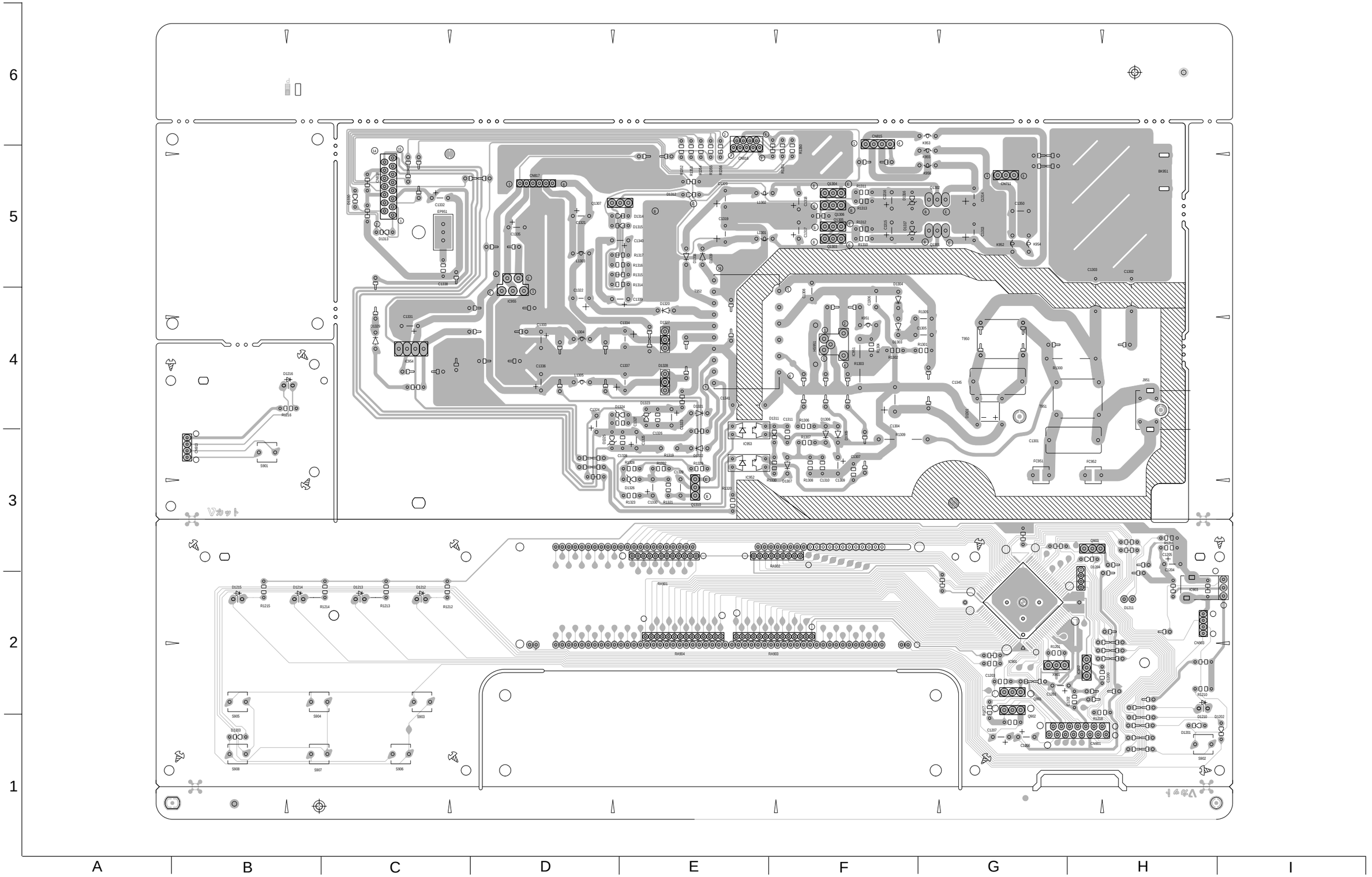
NO	DC(V)
1	3.6V
2	5.2V
3	4.1V
4	0V
5	5.0V
6	0V
7	0V
8	5.0V
9	0V

CN504

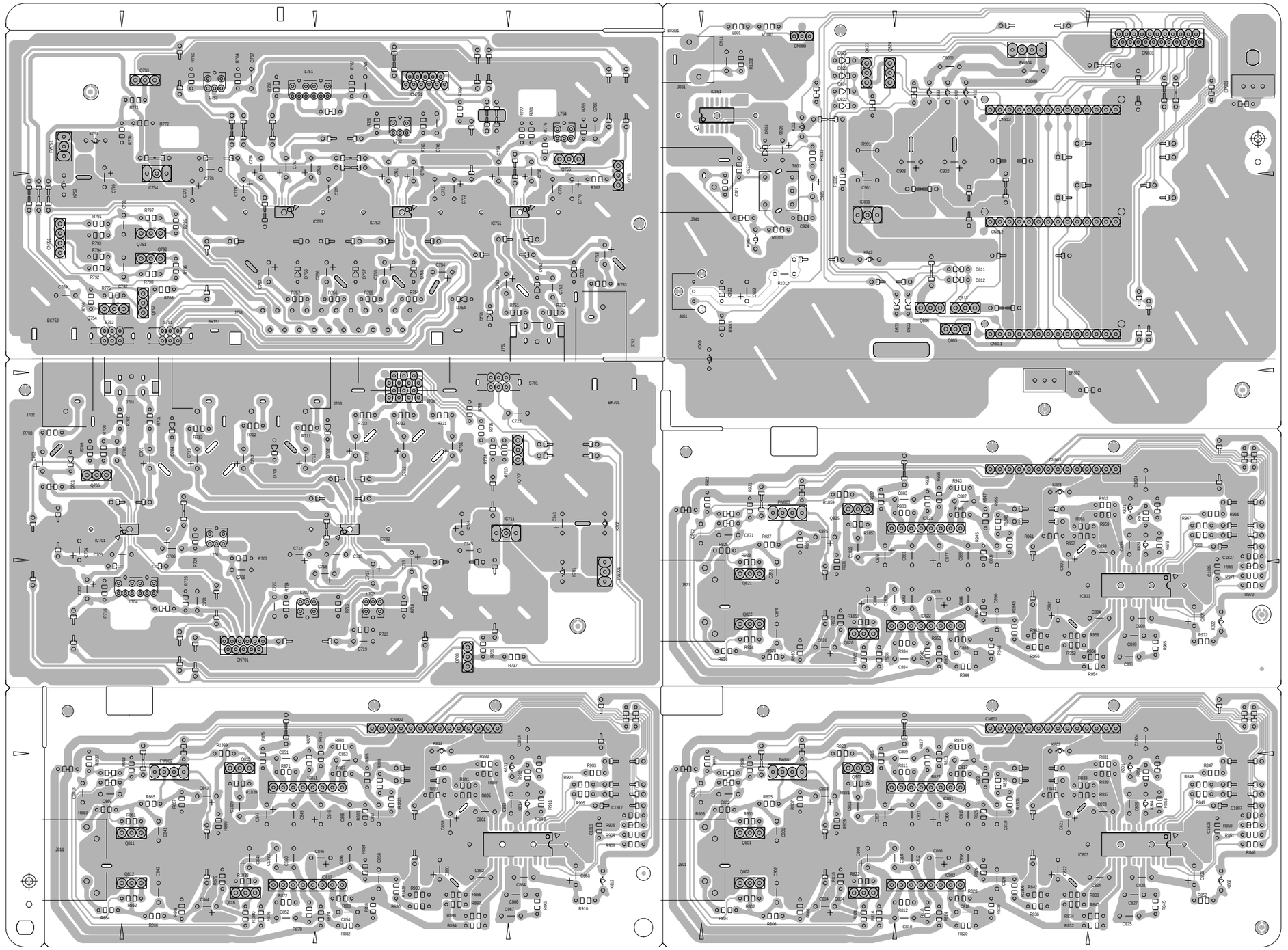
NO	DC(V)
1	3.0V
2	5.0V
3	3.0V
4	0V
5	0.7V
6	0V
7	0.8V
8	0V
9	1.4V
10	0V
11	0.7V

Printed circuit boards

■Power supply & FL board

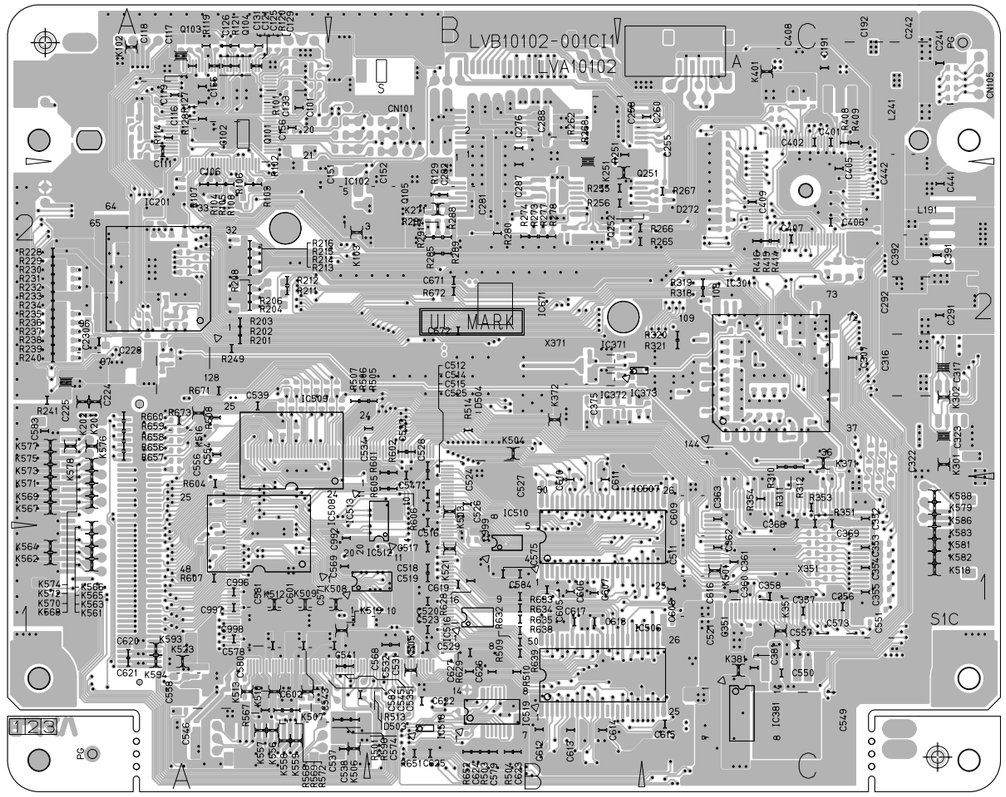


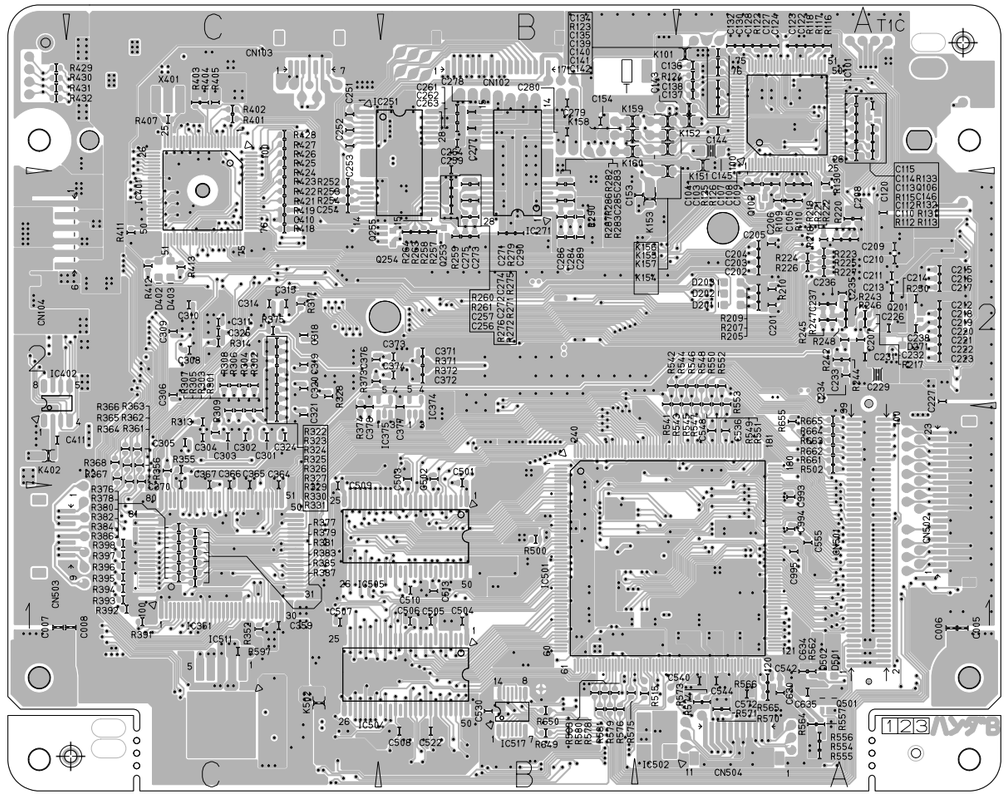
■ Audio/Video board



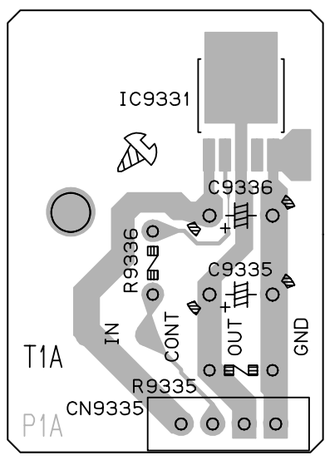
XV-D721BK
XV-D723GD

■DVD servo control board





■Sub board



PARTS LIST

[XV-D721BK/XV-D723GD]

* All printed circuit boards and its assemblies are not available as service parts.

Area suffix XV-D721BK	
J	U.S.A
C	Canada
EG	Germany , France , Greece , Nether lands , Switzerland
EN	Northern Europe
ES	Span , Italy
EE	Russian Federation
1U	U.S Military

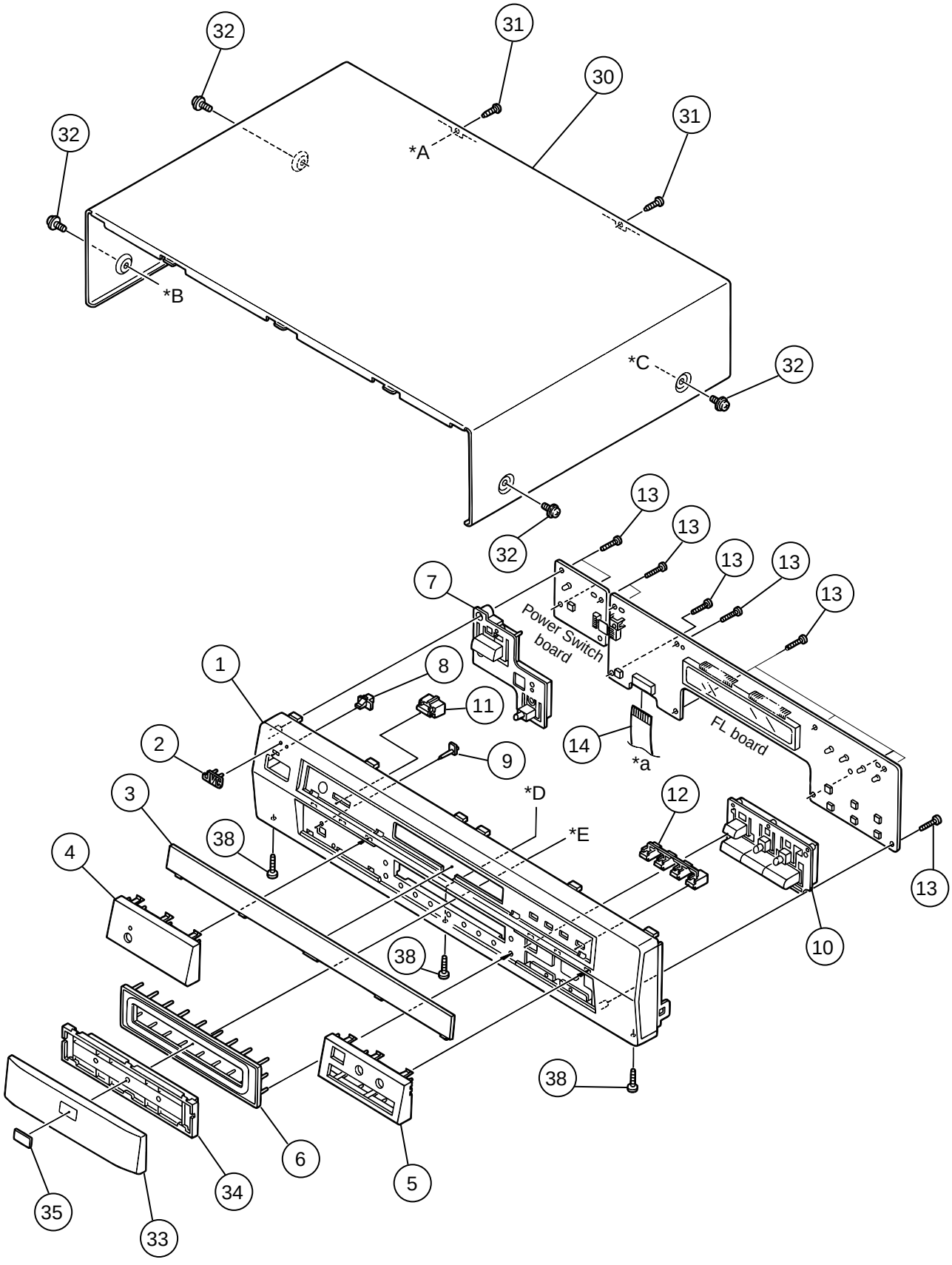
Area suffix XV-D723GD	
A	Australia
J	U.S.A
EG	Germany , France , Greece , Nether lands , Switzerland
EN	Northern Europe
ES	Span , Italy
UF	China
4U	Brazil , Mexico , Peru

- Contents -

Exploded view of general assembly and parts list ---------- 3-2
DVD mechanism assembly and parts list ---------- 3-6
Electrical Parts List ---------- 3-8
Packing materials and accessories parts list ---------- 3-30

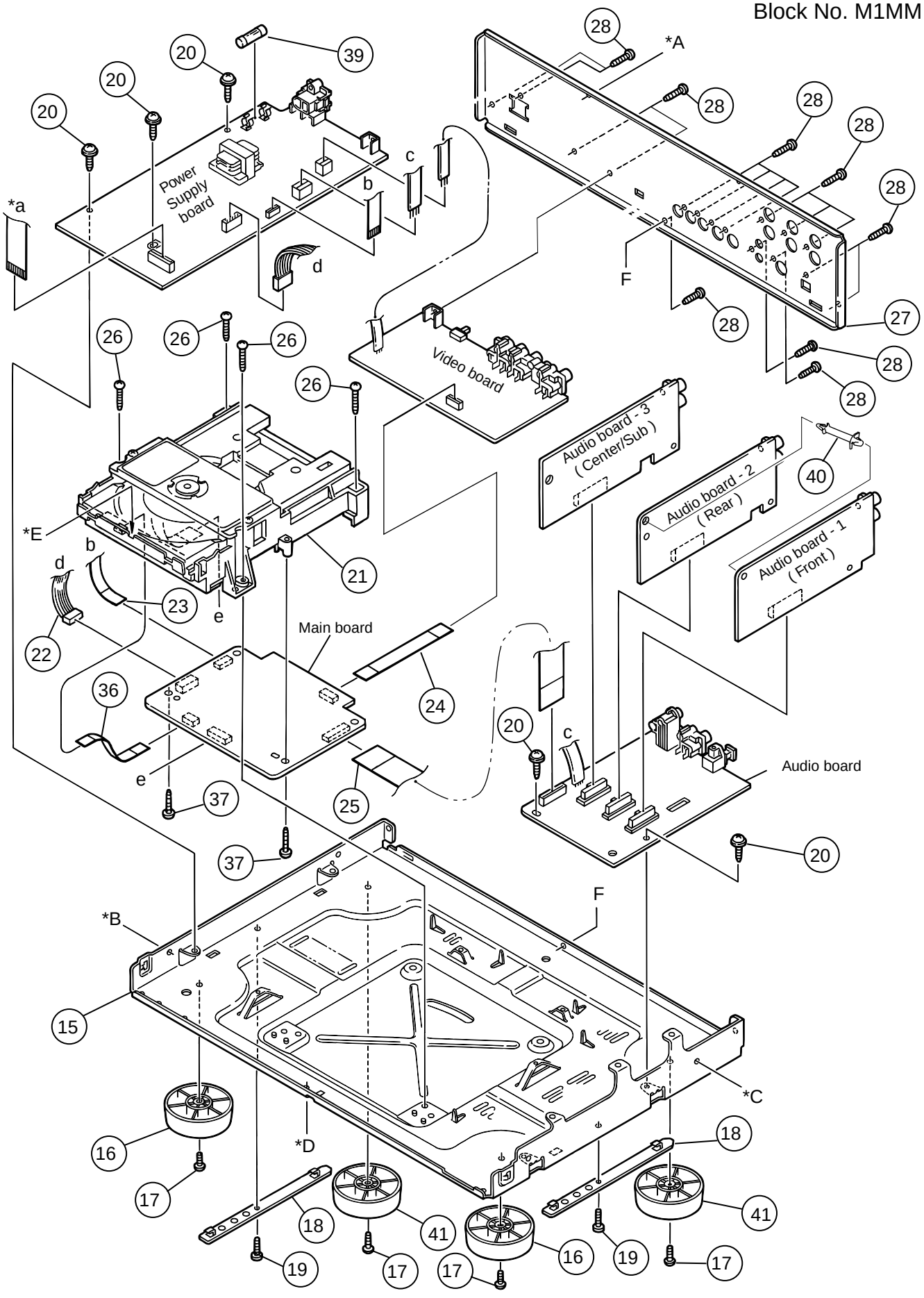
Exploded view of general assembly and parts list (1/2)

Block No. M1MM



Exploded view of general assembly and parts list (2/2)

Block No. M1MM



■ Parts list (General Assembly : XV-D721BK)

Block No. M1MM

⚠	Item	Parts number	Parts name	Q'ty	Description	Area
	01	LV10340-009A	FRONT PANEL	1		1U,C,J
		LV10340-013A	FRONT PANEL	1		EE,EG,EN,ES
	02	VJD5429-001SS	JVC MARK	1		
	03	LV20670-003A	WINDOW SCREEN	1		1U,C,J
		LV20670-005A	WINDOW SCREEN	1		EE,EG,EN,ES
	04	LV20668-001A	SUB PANEL(L)	1		1U,C,J
		LV20668-004A	SUB PANEL(L)	1		EE,EG,EN,ES
	05	LV20669-003A	SUB PANEL(R)	1		
	06	LV20671-002A	PAD	1		
	07	LV20672-004A	PUSH BUTTON	1		1U,EE,EG,EN,ES
		LV20672-001A	PUSH BUTTON	1		C,J
	08	LV41586-001A	INDICATOR	1		
	09	LV31748-001A	INDICATOR	1		
	10	LV20673-001A	PUSH BUTTON	1		
	11	LV31749-001A	INDICATOR	1		
	12	LV31750-001A	INDICATOR	1		
	13	QYSDSF2608Z	SCREW	3		
	14	QUQB12-1515AM	FFC WIRE	1		
	15	LV10215-002A	CHASSIS BASE	1		
	16	E307427-005	FOOT ASSY	2		
	17	QYSBST3010Z	T.SCREW	4		
	18	LV31244-002A	SPACER	2		
	19	QYSDSG3008M	SCREW	2		
	20	QYSBSGG3008E	T.SCREW	5		
	21	----------	DVD DRIVE MECHA	1		
	22	QJJ015-061201	SOCKET WIRE	1		
	23	QUQC10-0912AM	FFC WIRE	1		
	24	QUQC10-1110AJ	FFC WIRE	1		
	25	QUQC10-2312AM	FFC WIRE	1		
	26	QYSBSG3010E	T.SCREW	4		
	27	LV20676-024A	REAR PANEL	1		1U
		LV20676-022A	REAR PANEL	1		C,J
		LV20676-028A	REAR PANEL	1		EE
		LV20676-026A	REAR PANEL	1		EG,EN,ES
	28	QYSBSGY3008M	SPECIAL SCREW	16		
	30	E209102-001	METAL COVER	1		
	31	QYSBSGY3008E	SPECIAL SCREW	2		
	32	E406308-003	SPECIAL SCREW	4		
	33	LV20674-001A	FITTING	1		
	34	LV20675-001A	FITTING BASE	1		
	35	LV41565-002A	MARK	1		
	36	QUQC10-0706AM	FFC WIRE	1		
	37	QYSBSF3008Z	SCREW	2		
	38	QYSDSG3008M	SCREW	3		
⚠	39	QMF51E2-1R6-J1	FUSE	1		1U,EE,EG,EN,ES
		QMF51U1-1R6-J8	FUSE	1		C,J
	40	E301816-003	FASTNER	1		C,EG,EN,ES,J
	41	E307427-005	FOOT ASSY	2		1U,EE,EG,EN,ES
		E47227-037	FOOT ASS'Y	2		C,J

■ Parts list (General Assembly : XV-D723GD)

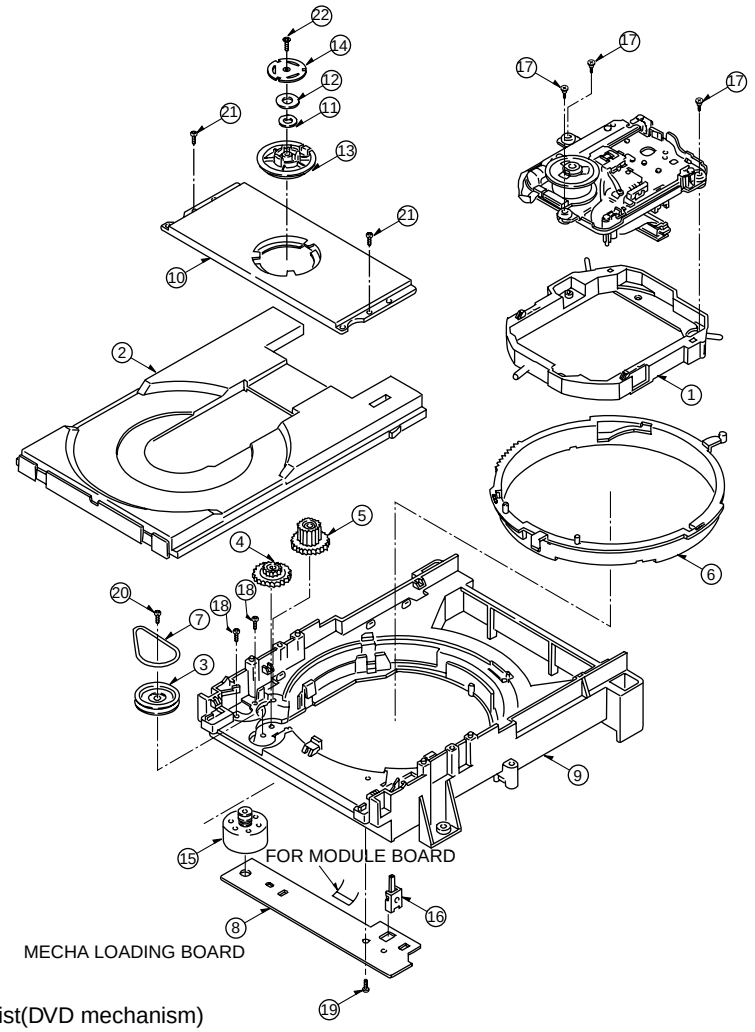
Block No. M1MM

⚠	Item	Parts number	Parts name	Q'ty	Description	Area
	01	LV10340-012A	FRONT PANEL	1		4U,A,UF
		LV10340-014A	FRONT PANEL	1		EG,EN,ES
		LV10340-010A	FRONT PANEL	1		J
	02	VJD5429-001SS	JVC MARK	1		
	03	LV20670-004A	WINDOW SCREEN	1		4U,A,J,UF
		LV20670-006A	WINDOW SCREEN	1		EG,EN,ES
	04	LV20668-002A	SUB PANEL(L)	1		4U,A,J,UF
		LV20668-005A	SUB PANEL(L)	1		EG,EN,ES
	05	LV20669-004A	SUB PANEL(R)	1		
	06	LV20671-002A	PAD	1		
	07	LV20672-003A	PUSH BUTTON	1		4U,A,EG,EN,ES,UF
		LV20672-002A	PUSH BUTTON	1		J
	08	LV41586-001A	INDICATOR	1		
	09	LV31748-001A	INDICATOR	1		
	10	LV20673-002A	PUSH BUTTON	1		
	11	LV31749-001A	INDICATOR	1		
	12	LV31750-001A	INDICATOR	1		
	13	QYSDSF2608Z	SCREW	8		
	14	QUQB12-1515AM	FFC WIRE	1		
	15	LV10215-002A	CHASSIS BASE	1		4U,A,J
		LV10215-002AYP	CHASSIS BASE	1		EG,EN,ES,UF
	16	E307427-005	FOOT ASSY	2		
	17	QYSBST3010Z	T.SCREW	4		
	18	LV31244-002A	SPACER	2		
	19	QYSDSG3008M	SCREW	2		
	20	QYSBSGG3008E	T.SCREW	5		
	21	----------	DVD DRIVE MECHA	1		
	22	QJJ015-061201	SOCKET WIRE	1		
	23	QUQC10-0912AM	FFC WIRE	1		
	24	QUQC10-1110AJ	FFC WIRE	1		
	25	QUQC10-2312AM	FFC WIRE	1		
	26	QYSBSG3010E	T.SCREW	4		
	27	LV20676-033A	REAR PANEL	1		4U
		LV20676-029A	REAR PANEL	1		A
		LV20676-027A	REAR PANEL	1		EG,EN,ES
		LV20676-023A	REAR PANEL	1		J
		LV20676-034A	REAR PANEL	1		UF
	28	QYSBSGY3008M	SPECIAL SCREW	16		
	30	E209102-003	METAL COVER	1		
	31	QYSBSGY3008E	SPECIAL SCREW	2		4U,A,J,UF
		QYSBSGG3008E	T.SCREW	2		EG,EN,ES
	32	E406308-004	SPECIAL SCREW	4		
	33	LV20674-002A	FITTING	1		
	34	LV20675-002A	FITTING BASE	1		
	35	LV41565-002A	MARK	1		
	36	QUQC10-0706AM	FFC WIRE	1		
	37	QYSBSF3008Z	SCREW	2		
	38	QYSDSG3006N	T.SCREW	3		
⚠	39	QMF51E2-1R6-J1	FUSE	1		4U,A,EG,EN,ES,UF
		QMF51U1-1R6-J8	FUSE	1		J
	40	E301816-003	FASTNER	1		EG,EN,ES,J
	41	E307427-005	FOOT ASSY	2		4U,A,EG,EN,ES,UF
		E47227-037	FOOT ASS'Y	2		J

DVD mechanism assembly and parts list

Block No. M2MM

1/2
FLM-V3



■ Parts list(DVD mechanism)

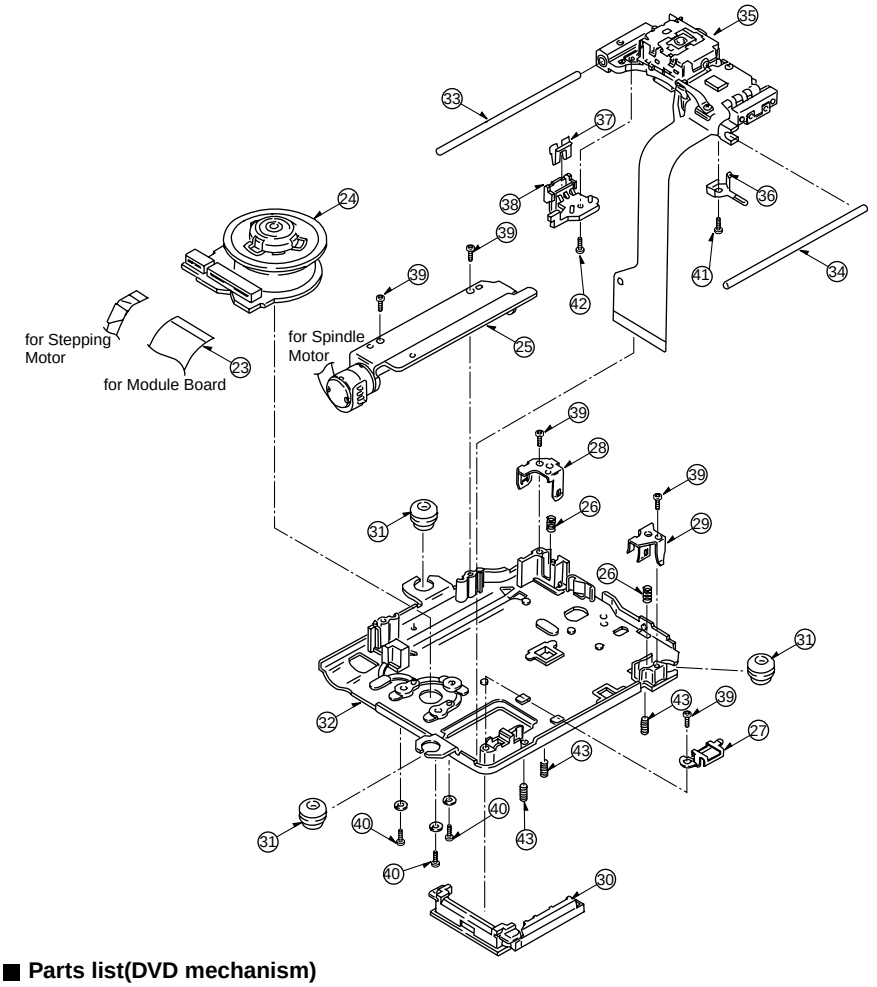
⚠	REF.	PARTS NO.	PARTS NAME	QTY	SUFFIX
	1	GMVMD3270	Chassis	1	
	2	GMVMD3265	Tray	1	
	3	GMVDG1308	Pulley gear	1	
	4	GMVDG1309	Drive gear 1	1	
	5	GMVDG1310	Drive gear 2	1	
	6	GMVDK0156	UP DOWN cam	1	
	7	GMVDV0373	Belt	1	
	8	----------	Mecha roading p.c.Board	1	
	9	GMVMD3266	Roading Base	1	
	10	GMVMD3263	Clampe base	1	
	11	GMJSM0048	Magnet	1	
	12	GMVMA9535	Clamp back yoke	1	
	13	GMVMD3264	Clamper	1	
	14	GMVMA0B93	Clamper weight	1	
	15	GMVEM0664	Roading motor unit	1	
	16	GMVSH0170	Twin switch	1	
	17	GMVHD1223	Screw 1	3	
	18	GMXQNQC17+3	Screw 2	2	
	19	GMXTV3+10G	Screw 3	1	
	20	GMXTW2+12T	Screw 4	1	
	21	GMXTV3+10G	Screw 5	2	
	22	GMXTS3+6J	Screw 6	1	

DVD mechanism assembly and parts list

Block No. M2MM

2/2

FML-V3



■ **Parts list(DVD mechanism)**

⚠	REF.	PARTS NO.	PARTS NAME	QTY	SUFFIX
	23	GMVWJ1277	Spindle FFC	1	
	24	GMVEM0665	Spindle motor unit	1	
	25	GMVEM0666	Stepping motor unit	1	
	26	GMVMB3278	Tilt spring 1	2	
	27	GMVMC1487	Tilt spring 2	1	
	28	GMVMC1488	Spring suppresses 1	1	
	29	GMVMC1489	Spring suppresses 2	1	
	30	GMVMD3261	FPC holder	1	
	31	GMVMG1166	Floating rubber	3	
	32	GMVMK0474	Travarse shasshis	1	
	33	GMVMS6471	Guide shaft 1	1	
	34	GMVMS6472	Guide shaft 2	1	
	35	GMVED0402	Optical pick up	1	
	36	GMVMC1491	Spring	1	
	37	GMVMC1490	Nut spring	1	
	38	GMVMD3260	Nut	1	
	39	GMVHD1224	Screw 1	5	
	40	GMVHD1225	Screw 2	3	
	41	GMVHD1057	Screw 3	1	
	42	GMXQNQC17+3	Screw 4	1	
	43	GMXXE26C6FN	Screw 5	3	

■ **Electrical parts list (Main board : XV-D721BK)** **Block No. 01**

⚠	Item	Parts number	Parts name	Remarks	Area
	C 005	NCB21CK-104X	C.CAPA. C.M		
	C 006	NCB21CK-104X	C.CAPA. C.M		
	C 007	NCB21CK-104X	C.CAPA. C.M		
	C 008	NCB21CK-104X	C.CAPA. C.M		
	C 101	NCB31CK-104X	C CAPACITOR		
	C 102	NEA70JM-476X	E.CAPACITOR		
	C 103	NCB31CK-104X	C CAPACITOR		
	C 104	NCS31HJ-560X	C CAPACITOR		
	C 105	NCS31HJ-101X	C.CAPACITOR		
	C 106	NEA71CM-106X	E.CAPACITOR		
	C 107	NCB31CK-104X	C CAPACITOR		
	C 108	NCB31CK-104X	C CAPACITOR		
	C 109	NCB31CK-104X	C CAPACITOR		
	C 110	NCS31HJ-101X	C.CAPACITOR		
	C 111	NCB21CK-184X	C CAPACITOR		
	C 112	NCB31CK-104X	C CAPACITOR		
	C 113	NCB31CK-104X	C CAPACITOR		
	C 114	NCB31CK-104X	C CAPACITOR		
	C 115	NCB31HK-392X	C CAPACITOR		
	C 116	NCB31CK-104X	C CAPACITOR		
	C 117	NCB11CK-105X	C CAPACITOR		
	C 118	NEX40JM-336X	E CAPACITOR		
	C 119	NCB31CK-104X	C CAPACITOR		
	C 120	NCB31CK-104X	C CAPACITOR		
	C 121	NCB21CK-334X	C CAPACITOR		
	C 122	NCS31HJ-121X	C CAPACITOR		
	C 123	NCB31CK-104X	C CAPACITOR		
	C 124	NCB31CK-104X	C CAPACITOR		
	C 125	NCB31CK-104X	C CAPACITOR		
	C 126	NCS31HJ-221X	C CAPACITOR		
	C 127	NCS31HJ-221X	C CAPACITOR		
	C 128	NCB31CK-104X	C CAPACITOR		
	C 129	NCB21CK-224X	C CAPACITOR		
	C 130	NCB31HK-102X	C CAPACITOR		
	C 131	NCB31HK-681X	C CAPACITOR		
	C 132	NCB31CK-104X	C CAPACITOR		
	C 133	NEX40JM-566X	E CAPACITOR		
	C 134	NCB31CK-104X	C CAPACITOR		
	C 135	NCS31HJ-221X	C CAPACITOR		
	C 136	NCB31CK-104X	C CAPACITOR		
	C 137	NCB31CK-104X	C CAPACITOR		
	C 138	NCB31CK-104X	C CAPACITOR		
	C 139	NCB31CK-104X	C CAPACITOR		
	C 140	NCB31CK-104X	C CAPACITOR		
	C 141	NCS31HJ-820X	C CAPACITOR		
	C 142	NCB31HK-222X	C CAPACITOR		
	C 143	NCB21CK-224X	C CAPACITOR		
	C 144	NCB31CK-104X	C CAPACITOR		
	C 145	NCB11CK-105X	C CAPACITOR		
	C 151	NEX40JM-156X	E.CAPACITOR		
	C 152	NEX40JM-156X	E.CAPACITOR		
	C 153	NCB31CK-104X	C CAPACITOR		
	C 154	NCB31CK-104X	C CAPACITOR		
	C 191	NCB31CK-104X	C CAPACITOR		
	C 192	NEA70JM-107X	E.CAPACITOR		
	C 201	NCB31CK-104X	C CAPACITOR		
	C 202	NCB31CK-393X	C CAPACITOR		
	C 203	NCB31CK-393X	C CAPACITOR		
	C 204	NCB31CK-393X	C CAPACITOR		
	C 205	NCB31CK-393X	C CAPACITOR		
	C 206	NCB31CK-104X	C CAPACITOR		
	C 208	NCB31CK-104X	C CAPACITOR		
	C 209	NCB31CK-104X	C CAPACITOR		
	C 210	NCB31CK-104X	C CAPACITOR		

⚠	Item	Parts number	Parts name	Remarks	Area
	C 211	NCB31CK-104X	C CAPACITOR		
	C 212	NCB31CK-104X	C CAPACITOR		
	C 213	NCB31CK-104X	C CAPACITOR		
	C 214	NCB31CK-104X	C CAPACITOR		
	C 215	NCB31HK-392X	C CAPACITOR		
	C 217	NCB31HK-821X	C CAPACITOR		
	C 218	NCB31HK-331X	C CAPACITOR		
	C 219	NCB31HK-471X	C CAPACITOR		
	C 220	NCB31CK-104X	C CAPACITOR		
	C 221	NCB31HK-271X	C CAPACITOR		
	C 222	NCB31HK-821X	C CAPACITOR		
	C 223	NCB31HK-821X	C CAPACITOR		
	C 224	NEA70JM-226X	E CAPACITOR		
	C 225	NCB11CK-105X	C CAPACITOR		
	C 226	NCB31CK-104X	C CAPACITOR		
	C 227	NCB31CK-104X	C CAPACITOR		
	C 228	NEA70JM-107X	E.CAPACITOR		
	C 229	NCB11CK-105X	C CAPACITOR		
	C 230	NCB31CK-104X	C CAPACITOR		
	C 231	NCB31CK-104X	C CAPACITOR		
	C 232	NCB31CK-104X	C CAPACITOR		
	C 233	NCS31HJ-330X	C CAPACITOR		
	C 234	NCB31HK-331X	C CAPACITOR		
	C 235	NCB31CK-104X	C CAPACITOR		
	C 236	NCB31CK-823X	C CAPACITOR		
	C 237	NCB31CK-823X	C CAPACITOR		
	C 241	NCB31CK-104X	C CAPACITOR		
	C 242	NEA70JM-107X	E.CAPACITOR		
	C 251	NCB31CK-104X	C CAPACITOR		
	C 252	NCB31CK-104X	C CAPACITOR		
	C 253	NCB31CK-104X	C CAPACITOR		
	C 254	NCB31CK-104X	C CAPACITOR		
	C 255	NEA70JM-226X	E CAPACITOR		
	C 256	NCB31CK-104X	C CAPACITOR		
	C 257	NCB31CK-104X	C CAPACITOR		
	C 258	NEA71CM-226X	E.CAPAP. C.M		
	C 259	NCB31CK-104X	C CAPACITOR		
	C 260	NCB31CK-104X	C CAPACITOR		
	C 261	NCB31CK-104X	C CAPACITOR		
	C 262	NCB31CK-104X	C CAPACITOR		
	C 263	NCB31CK-104X	C CAPACITOR		
	C 264	NCB31CK-104X	C CAPACITOR		
	C 271	NCB31CK-104X	C CAPACITOR		
	C 273	NCB31HK-102X	C CAPACITOR		
	C 275	NCB31HK-102X	C CAPACITOR		
	C 276	NCB31CK-104X	C CAPACITOR		
	C 281	NEA70JM-226X	E CAPACITOR		
	C 282	NCB31CK-104X	C CAPACITOR		
	C 284	NCB31HK-102X	C CAPACITOR		
	C 286	NCB31HK-102X	C CAPACITOR		
	C 287	NCB31CK-104X	C CAPACITOR		
	C 288	NEA71CM-226X	E.CAPAP. C.M		
	C 290	NCB31CK-104X	C CAPACITOR		
	C 291	NCB31CK-104X	C CAPACITOR		
	C 292	NEA71CM-476X	E CAPACITOR		
	C 301	NCB31CK-104X	C CAPACITOR		
	C 302	NCB31CK-104X	C CAPACITOR		
	C 303	NCB31CK-104X	C CAPACITOR		
	C 304	NCB31CK-104X	C CAPACITOR		
	C 305	NCB31CK-104X	C CAPACITOR		
	C 306	NCB31CK-104X	C CAPACITOR		
	C 307	NCB31CK-104X	C CAPACITOR		
	C 308	NCB31CK-103X	C CAPACITOR		
	C 309	NCB31CK-104X	C CAPACITOR		

■ **Electrical parts list (Main board : XV-D721BK)** **Block No. 01**

⚠	Item	Parts number	Parts name	Remarks	Area
	C 310	NCB31CK-104X	C CAPACITOR		
	C 311	NCB31CK-104X	C CAPACITOR		
	C 314	NCB31CK-104X	C CAPACITOR		
	C 315	NCB31CK-104X	C CAPACITOR		
	C 316	NEA70JM-107X	E.CAPACITOR		
	C 317	NCB11CK-105X	C CAPACITOR		
	C 318	NCB31CK-104X	C CAPACITOR		
	C 319	NCB31CK-104X	C CAPACITOR		
	C 320	NCB31CK-104X	C CAPACITOR		
	C 321	NCB31CK-104X	C CAPACITOR		
	C 322	NEA70JM-107X	E.CAPACITOR		
	C 323	NCB11CK-105X	C CAPACITOR		
	C 324	NCB31CK-104X	C CAPACITOR		
	C 325	NCB31CK-104X	C CAPACITOR		
	C 351	NEA70JM-107X	E.CAPACITOR		
	C 352	NCB31CK-104X	C CAPACITOR		
	C 353	NCB31CK-104X	C CAPACITOR		
	C 354	NCB31CK-104X	C CAPACITOR		
	C 355	NCB31CK-104X	C CAPACITOR		
	C 356	NCB31CK-104X	C CAPACITOR		
	C 357	NCB31CK-104X	C CAPACITOR		
	C 358	NCB31CK-104X	C CAPACITOR		
	C 359	NCB31CK-104X	C CAPACITOR		
	C 360	NCB31CK-104X	C CAPACITOR		
	C 361	NCB31CK-104X	C CAPACITOR		
	C 362	NCB31CK-104X	C CAPACITOR		
	C 363	NCB31CK-104X	C CAPACITOR		
	C 364	NCB31CK-104X	C CAPACITOR		
	C 365	NCB31CK-104X	C CAPACITOR		
	C 366	NCB31CK-104X	C CAPACITOR		
	C 367	NCB31CK-104X	C CAPACITOR		
	C 368	NCS31HJ-100X	C CAPACITOR		
	C 369	NCS31HJ-100X	C CAPACITOR		
	C 370	NCB31CK-104X	C CAPACITOR		
	C 381	NCB31CK-104X	C CAPACITOR		
	C 391	NCB31CK-104X	C CAPACITOR		
	C 392	NEA70JM-226X	E CAPACITOR		
	C 401	NCB31CK-104X	C CAPACITOR		
	C 402	NCB31CK-104X	C CAPACITOR		
	C 405	NCB31CK-104X	C CAPACITOR		
	C 406	NCB31CK-104X	C CAPACITOR		
	C 407	NCB31CK-104X	C CAPACITOR		
	C 408	NEA70JM-226X	E CAPACITOR		
	C 409	NCB31CK-104X	C CAPACITOR		
	C 411	NCB31CK-104X	C CAPACITOR		
	C 441	NCB31CK-104X	C CAPACITOR		
	C 442	NEX40JM-156X	E.CAPACITOR		
	C 501	NCB31CK-104X	C CAPACITOR		
	C 502	NCB31CK-104X	C CAPACITOR		
	C 503	NCB31CK-104X	C CAPACITOR		
	C 504	NCB31CK-104X	C CAPACITOR		
	C 505	NCB31CK-104X	C CAPACITOR		
	C 506	NCB31CK-104X	C CAPACITOR		
	C 507	NCB31CK-104X	C CAPACITOR		
	C 508	NCB31CK-104X	C CAPACITOR		
	C 509	NCB31CK-104X	C CAPACITOR		
	C 510	NCB31CK-104X	C CAPACITOR		
	C 511	NEA70JM-226X	E CAPACITOR		
	C 512	NCB31CK-104X	C CAPACITOR		
	C 513	NCB31CK-104X	C CAPACITOR		
	C 514	NCB31CK-104X	C CAPACITOR		
	C 515	NCB31CK-104X	C CAPACITOR		
	C 516	NCB31CK-104X	C CAPACITOR		
	C 517	NCB31CK-104X	C CAPACITOR		

⚠	Item	Parts number	Parts name	Remarks	Area
	C 518	NCB31CK-104X	C CAPACITOR		
	C 519	NCB31CK-104X	C CAPACITOR		
	C 520	NCB31CK-104X	C CAPACITOR		
	C 521	NEA70JM-226X	E CAPACITOR		
	C 522	NCB31CK-104X	C CAPACITOR		
	C 523	NCB31CK-104X	C CAPACITOR		
	C 524	NEA70JM-226X	E CAPACITOR		
	C 525	NCB31CK-104X	C CAPACITOR		
	C 526	NCB31CK-104X	C CAPACITOR		
	C 527	NEA70JM-107X	E.CAPACITOR		
	C 528	NCB31CK-104X	C CAPACITOR		
	C 529	NCB31CK-104X	C CAPACITOR		
	C 530	NCB31CK-104X	C CAPACITOR		
	C 531	NCB31CK-104X	C CAPACITOR		
	C 532	NCB31CK-104X	C CAPACITOR		
	C 533	NCB31CK-104X	C CAPACITOR		
	C 534	NCB31CK-104X	C CAPACITOR		
	C 535	NCB31CK-104X	C CAPACITOR		
	C 536	NCB31CK-104X	C CAPACITOR		
	C 537	NEA70JM-226X	E CAPACITOR		
	C 538	NCB31CK-104X	C CAPACITOR		
	C 539	NCB31CK-104X	C CAPACITOR		
	C 540	NCB31CK-104X	C CAPACITOR		
	C 541	NCB31CK-104X	C CAPACITOR		
	C 542	NCB31CK-104X	C CAPACITOR		
	C 543	NCB31CK-104X	C CAPACITOR		
	C 544	NCB31CK-104X	C CAPACITOR		
	C 545	NCB31CK-104X	C CAPACITOR		
	C 547	NCB31CK-104X	C CAPACITOR		
	C 548	NCB31CK-104X	C CAPACITOR		
	C 549	NEA70JM-107X	E.CAPACITOR		
	C 550	NCB31CK-104X	C CAPACITOR		
	C 551	NEA70JM-476X	E.CAPACITOR		
	C 554	NCB31CK-104X	C CAPACITOR		
	C 555	NCB31CK-104X	C CAPACITOR		
	C 556	NEA70JM-226X	E CAPACITOR		
	C 557	NCB31CK-104X	C CAPACITOR		
	C 558	NEA70JM-226X	E CAPACITOR		
	C 568	NEA70JM-226X	E CAPACITOR		
	C 569	NCB31CK-104X	C CAPACITOR		
	C 571	NEA70JM-226X	E CAPACITOR		
	C 572	NCB31CK-104X	C CAPACITOR		
	C 573	NEA70JM-107X	E.CAPACITOR		
	C 574	NCB31CK-104X	C CAPACITOR		
	C 575	NCB31CK-104X	C CAPACITOR		
	C 578	NCB31CK-104X	C CAPACITOR		
	C 579	NCB31HK-221X	C CAPACITOR		
	C 580	NEA70JM-226X	E CAPACITOR		
	C 581	NEA70JM-226X	E CAPACITOR		
	C 582	NEA70JM-226X	E CAPACITOR		
	C 584	NCB31HK-221X	C CAPACITOR		
	C 601	NEA70JM-226X	E CAPACITOR		
	C 602	NEA70JM-226X	E CAPACITOR		
	C 619	NCB31CK-104X	C CAPACITOR		
	C 620	NCB31CK-104X	C CAPACITOR		
	C 621	NCB31CK-104X	C CAPACITOR		
	C 622	NCB31CK-104X	C CAPACITOR		
	C 623	NCB31HK-221X	C CAPACITOR		
	C 624	NCB31HK-221X	C CAPACITOR		
	C 626	NCB31CK-104X	C CAPACITOR		
	C 627	NEA70JM-226X	E CAPACITOR		
	C 630	NCB31CK-104X	C CAPACITOR		
	C 634	NCB31CK-104X	C CAPACITOR		
	C 635	NCB31HK-221X	C CAPACITOR		

■ **Electrical parts list (Main board : XV-D721BK)** **Block No. 01**

⚠	Item	Parts number	Parts name	Remarks	Area
	C 992	NCB31CK-104X	C CAPACITOR		
	C 993	NCB31CK-104X	C CAPACITOR		
	C 994	NCB31CK-104X	C CAPACITOR		
	C 995	NCB31CK-104X	C CAPACITOR		
	C 996	NCB31CK-104X	C CAPACITOR		
	C 997	NCB31CK-104X	C CAPACITOR		
	C 998	NCB31CK-104X	C CAPACITOR		
	C 999	NEA70JM-226X	E CAPACITOR		
	CN101	QGF1016C2-21W	CONNECTOR	MECHA	
	CN102	QGF1016F2-17W	CONNECTOR	MECHA	
	CN103	QGF1016F2-07W	CONNECTOR C.M	LOADING	
	CN104	QGA2001F2-06X	CONNECTOR C.M	POWER	
	CN105	QGF1016C2-05W	CONNECTOR		
	CN502	QGF1016F2-23W	CONNECTOR	AUDIO	
	CN503	QGF1016F2-09W	CONNECTOR C.M	FRONT	
	CN504	QGF1016F2-11W	CONNECTOR C.M	VIDEO	
	D 201	1SS355-X	DIODE		
	D 202	1SS355-X	DIODE		
	D 203	1SS355-X	DIODE		
	D 272	DAP202K-X	D.TR. C.M		
	D 402	1SS355-X	DIODE		
	D 403	1SS355-X	DIODE		
	D 503	1SS355-X	DIODE		
	D 504	1SS355-X	DIODE		
	IC101	AN8706FHQ	IC		
	IC102	RN5RZ20BA-X	IC		
	IC201	MN67705EA	IC		
	IC251	AN8485SB-W	IC		
	IC271	BA5983FM-X	IC		
	IC301	MN103007BGA	IC		
	IC351	JCV8005-2	IC		
	IC381	TC74HCT32AF-X	IC(DIGITAL)		
	IC401	MN102L25GGB	IC	MASK	
	IC402	AK93C65AF-X	IC		
	IC501	NDV8501VWA	IC	JAGUAR	
	IC502	NAX0265-001X	IC	27MHZ	
	IC504	HY57V161610DTC8	IC		
	IC505	HY57V161610DTC8	IC		
	IC508	SST39VF160-02H	IC		
	IC509	SST39VF160-02L	IC		
	IC510	AK93C65AF-X	IC		
	IC511	LP3962ES-2.5-W	IC		
	IC512	TC74LCX373FT-X	IC(DIGITAL)		
	IC513	TC74LCX373FT-X	IC(DIGITAL)		
	IC516	TC74VHC595FT-X	IC(MONOLITHIC)		
	IC517	TC74VHCT14AFT-X	DIGITAL)		
	IC518	TC7W04FU-X	IC(DIGITAL)		
	IC519	TC74HCT32AF-X	IC(DIGITAL)		
	K 101	NQR0007-002X	FERRITE BEADS		
	K 102	NQR0007-002X	FERRITE BEADS		
	K 103	NQR0007-002X	FERRITE BEADS		
	K 151	NQR0007-002X	FERRITE BEADS		
	K 152	NQR0007-002X	FERRITE BEADS		
	K 153	NQR0007-002X	FERRITE BEADS		
	K 154	NQR0007-002X	FERRITE BEADS		
	K 155	NQR0007-002X	FERRITE BEADS		
	K 156	NQR0007-002X	FERRITE BEADS		
	K 157	NQR0007-002X	FERRITE BEADS		
	K 158	NQR0007-002X	FERRITE BEADS		
	K 159	NQR0007-002X	FERRITE BEADS		
	K 160	NQR0007-002X	FERRITE BEADS		
	K 201	NQR0007-002X	FERRITE BEADS		
	K 202	NQR0007-002X	FERRITE BEADS		
	K 251	NQR0007-002X	FERRITE BEADS		

⚠	Item	Parts number	Parts name	Remarks	Area
	K 271	NQR0007-002X	FERRITE BEADS		
	K 301	NQR0007-002X	FERRITE BEADS		
	K 302	NQR0007-002X	FERRITE BEADS		
	K 351	NQR0007-002X	FERRITE BEADS		
	K 371	NQR0007-002X	FERRITE BEADS		
	K 381	NQR0007-002X	FERRITE BEADS		
	K 401	NQR0007-002X	FERRITE BEADS		
	K 402	NQR0007-002X	FERRITE BEADS		
	K 501	NQR0007-002X	FERRITE BEADS		
	K 502	NQR0007-002X	FERRITE BEADS		
	K 503	NRSA02J-0R0X	MG RESISTOR		
	K 504	NQR0007-002X	FERRITE BEADS		
	K 505	NQR0007-002X	FERRITE BEADS		
	K 506	NQR0007-002X	FERRITE BEADS		
	K 507	NQR0007-002X	FERRITE BEADS		
	K 508	NQR0007-002X	FERRITE BEADS		
	K 509	NQR0007-002X	FERRITE BEADS		
	K 510	NQR0007-002X	FERRITE BEADS		
	K 512	NQR0007-002X	FERRITE BEADS		
	K 513	NQR0007-002X	FERRITE BEADS		
	K 516	NQR0007-002X	FERRITE BEADS		
	K 518	NQR0007-002X	FERRITE BEADS		
	K 519	NQR0007-002X	FERRITE BEADS		
	K 521	NQR0007-002X	FERRITE BEADS		
	K 523	NQR0007-002X	FERRITE BEADS		
	K 556	NQR0007-002X	FERRITE BEADS		
	K 557	NQR0007-002X	FERRITE BEADS		
	K 558	NQR0007-002X	FERRITE BEADS		
	K 559	NQR0007-002X	FERRITE BEADS		
	K 561	NQR0007-002X	FERRITE BEADS		
	K 562	NQR0007-002X	FERRITE BEADS		
	K 563	NQR0007-002X	FERRITE BEADS		
	K 564	NQR0007-002X	FERRITE BEADS		
	K 565	NQR0007-002X	FERRITE BEADS		
	K 566	NQR0007-002X	FERRITE BEADS		
	K 567	NQR0007-002X	FERRITE BEADS		
	K 568	NQR0007-002X	FERRITE BEADS		
	K 569	NQR0007-002X	FERRITE BEADS		
	K 570	NQR0007-002X	FERRITE BEADS		
	K 571	NQR0007-002X	FERRITE BEADS		
	K 572	NQR0007-002X	FERRITE BEADS		
	K 573	NQR0007-002X	FERRITE BEADS		
	K 574	NQR0007-002X	FERRITE BEADS		
	K 575	NQR0007-002X	FERRITE BEADS		
	K 576	NQR0007-002X	FERRITE BEADS		
	K 577	NQR0007-002X	FERRITE BEADS		
	K 578	NQR0007-002X	FERRITE BEADS		
	K 579	NQR0007-002X	FERRITE BEADS		
	K 581	NQR0007-002X	FERRITE BEADS		
	K 582	NQR0007-002X	FERRITE BEADS		
	K 583	NQR0007-002X	FERRITE BEADS		
	K 586	NQR0007-002X	FERRITE BEADS		
	K 588	NQR0007-002X	FERRITE BEADS		
	K 593	NQR0007-002X	FERRITE BEADS		
	K 594	NQR0007-002X	FERRITE BEADS		
	L 191	NQL044K-100X	INDUCTOR		
	L 241	NQL044K-100X	INDUCTOR		
	Q 101	2SB1424/QR/-X	TRANSISTOR		
	Q 102	DTC124EE-X	DIGI TRANSISTOR		
	Q 103	DTA124EE-X	DIGI TRANSISTOR		
	Q 104	DTC124EE-X	DIGI TRANSISTOR		
	Q 105	DTC144EE-X	TRANSISTOR		
	Q 251	DTC144EE-X	TRANSISTOR		
	Q 252	DTC144EE-X	TRANSISTOR		

■ **Electrical parts list (Main board : XV-D721BK)** **Block No. 01**

⚠	Item	Parts number	Parts name	Remarks	Area
	Q 253	DTC144EE-X	TRANSISTOR		
	Q 254	DTC144EE-X	TRANSISTOR		
	Q 255	DTC144EE-X	TRANSISTOR		
	R 101	NRS125J-270X	MG RESISTOR		
	R 102	NRS125J-2R2X	MG RESISTOR		
	R 103	NRSA63J-123X	MG RESISTOR		
	R 104	NRSA63J-103X	MG RESISTOR		
	R 106	NRSA63J-223X	MG RESISTOR		
	R 108	NRSA63J-103X	MG RESISTOR		
	R 109	NRSA63J-823X	MG RESISTOR		
	R 110	NRSA63J-393X	MG RESISTOR		
	R 112	NRVA63D-123X	MG RESISTOR		
	R 113	NRSA63J-393X	MG RESISTOR		
	R 114	NRSA63J-272X	MG RESISTOR		
	R 115	NRSA63J-223X	MG RESISTOR		
	R 116	NRSA63J-103X	MG RESISTOR		
	R 117	NRSA63J-223X	MG RESISTOR		
	R 118	NRSA63J-153X	MG RESISTOR		
	R 119	NRSA63J-155X	MG RESISTOR		
	R 120	NRVA63D-332X	MF RESISTOR		
	R 121	NRSA63J-474X	MG RESISTOR		
	R 122	NRSA63J-474X	MG RESISTOR		
	R 123	NRSA63J-822X	MG RESISTOR		
	R 124	NRSA63J-183X	MG RESISTOR		
	R 125	NRSA63J-154X	MG RESISTOR		
	R 126	NRSA63J-564X	MG RESISTOR		
	R 127	NRSA63J-123X	MG RESISTOR		
	R 128	NRSA63J-223X	MG RESISTOR		
	R 129	NRSA63J-103X	MG RESISTOR		
	R 130	NRSA63J-822X	MG RESISTOR		
	R 131	NRSA63J-0R0X	MG RESISTOR		
	R 201	NRSA63J-102X	MG RESISTOR		
	R 202	NRSA63J-102X	MG RESISTOR		
	R 203	NRSA63J-102X	MG RESISTOR		
	R 204	NRSA63J-102X	MG RESISTOR		
	R 205	NRSA63J-473X	MG RESISTOR		
	R 206	NRSA63J-102X	MG RESISTOR		
	R 207	NRSA63J-473X	MG RESISTOR		
	R 208	NRSA63J-102X	MG RESISTOR		
	R 209	NRSA63J-473X	MG RESISTOR		
	R 210	NRSA63J-473X	MG RESISTOR		
	R 211	NRSA63J-102X	MG RESISTOR		
	R 212	NRSA63J-102X	MG RESISTOR		
	R 213	NRSA63J-183X	MG RESISTOR		
	R 214	NRSA63J-822X	MG RESISTOR		
	R 215	NRSA63J-473X	MG RESISTOR		
	R 216	NRSA63J-473X	MG RESISTOR		
	R 217	NRSA63J-0R0X	MG RESISTOR		
	R 218	NRSA63J-0R0X	MG RESISTOR		
	R 219	NRSA63J-0R0X	MG RESISTOR		
	R 220	NRSA63J-472X	MG RESISTOR		
	R 221	NRSA63J-0R0X	MG RESISTOR		
	R 222	NRSA63J-0R0X	MG RESISTOR		
	R 223	NRSA63J-0R0X	MG RESISTOR		
	R 224	NRSA63J-0R0X	MG RESISTOR		
	R 225	NRSA63J-0R0X	MG RESISTOR		
	R 226	NRSA63J-0R0X	MG RESISTOR		
	R 227	NRSA63J-0R0X	MG RESISTOR		
	R 228	NRSA63J-103X	MG RESISTOR		
	R 229	NRSA63J-0R0X	MG RESISTOR		
	R 230	NRSA63J-103X	MG RESISTOR		
	R 231	NRVA63D-683X	MF RESISTOR		
	R 232	NRVA63D-683X	MF RESISTOR		
	R 233	NRSA63J-103X	MG RESISTOR		

⚠	Item	Parts number	Parts name	Remarks	Area
	R 234	NRSA63J-103X	MG RESISTOR		
	R 235	NRSA63J-473X	MG RESISTOR		
	R 236	NRSA63J-123X	MG RESISTOR		
	R 237	NRSA63J-0R0X	MG RESISTOR		
	R 238	NRSA63J-223X	MG RESISTOR		
	R 239	NRSA63J-333X	MG RESISTOR		
	R 240	NRSA63J-333X	MG RESISTOR		
	R 241	NRVA63D-362X	MG RESISTOR		
	R 242	NRSA63J-102X	MG RESISTOR		
	R 243	NRSA63J-472X	MG RESISTOR		
	R 244	NRSA63J-102X	MG RESISTOR		
	R 245	NRVA63D-103X	MF RESISTER		
	R 246	NRVA63D-183X	MG RESISTOR		
	R 247	NRVA63D-103X	MF RESISTER		
	R 248	NRVA63D-183X	MG RESISTOR		
	R 249	NRSA63J-102X	MG RESISTOR		
	R 251	NRSA63J-271X	MG RESISTOR		
	R 252	NRSA63J-271X	MG RESISTOR		
	R 253	NRSA63J-0R0X	MG RESISTOR		
	R 254	NRSA63J-0R0X	MG RESISTOR		
	R 255	NRSA63J-103X	MG RESISTOR		
	R 256	NRSA63J-103X	MG RESISTOR		
	R 257	NRSA63J-103X	MG RESISTOR		
	R 258	NRSA63J-103X	MG RESISTOR		
	R 259	NRSA63J-103X	MG RESISTOR		
	R 260	NRSA63J-562X	MG RESISTOR		
	R 261	NRSA63J-563X	MG RESISTOR		
	R 262	NRS125J-R47X	MG RESISTOR		
	R 263	NRSA63J-103X	MG RESISTOR		
	R 264	NRSA63J-103X	MG RESISTOR		
	R 267	NRSA63J-103X	MG RESISTOR		
	R 268	NRS181J-2R2X	MG RESISTOR		
	R 271	NRSA63J-243X	MG RESISTOR		
	R 272	NRSA63J-103X	MG RESISTOR		
	R 273	NRSA63J-103X	MG RESISTOR		
	R 274	NRSA63J-0R0X	MG RESISTOR		
	R 275	NRSA63J-243X	MG RESISTOR		
	R 276	NRSA63J-103X	MG RESISTOR		
	R 277	NRSA63J-103X	MG RESISTOR		
	R 278	NRSA63J-0R0X	MG RESISTOR		
	R 279	NRSA63J-473X	MG RESISTOR		
	R 280	NRSA63J-0R0X	MG RESISTOR		
	R 282	NRSA63J-273X	MG RESISTOR		
	R 283	NRSA63J-103X	MG RESISTOR		
	R 284	NRSA63J-103X	MG RESISTOR		
	R 285	NRSA63J-0R0X	MG RESISTOR		
	R 286	NRSA63J-273X	MG RESISTOR		
	R 287	NRSA63J-103X	MG RESISTOR		
	R 288	NRSA63J-103X	MG RESISTOR		
	R 289	NRSA63J-0R0X	MG RESISTOR		
	R 291	NRSA63J-102X	MG RESISTOR		
	R 301	NRSA63J-473X	MG RESISTOR		
	R 302	NRSA63J-473X	MG RESISTOR		
	R 303	NRSA63J-473X	MG RESISTOR		
	R 304	NRSA63J-473X	MG RESISTOR		
	R 305	NRSA63J-473X	MG RESISTOR		
	R 306	NRSA63J-473X	MG RESISTOR		
	R 307	NRSA63J-473X	MG RESISTOR		
	R 308	NRSA63J-473X	MG RESISTOR		
	R 310	NRSA63J-102X	MG RESISTOR		
	R 311	NRSA63J-102X	MG RESISTOR		
	R 312	NRSA63J-102X	MG RESISTOR		
	R 313	NRSA63J-0R0X	MG RESISTOR		
	R 314	NRSA63J-0R0X	MG RESISTOR		

■ **Electrical parts list (Main board : XV-D721BK)** **Block No. 01**

⚠	Item	Parts number	Parts name	Remarks	Area
	R 317	NRSA63J-473X	MG RESISTOR		
	R 318	NRSA63J-0R0X	MG RESISTOR		
	R 319	NRSA63J-0R0X	MG RESISTOR		
	R 322	NRSA63J-473X	MG RESISTOR		
	R 324	NRSA63J-473X	MG RESISTOR		
	R 328	NRSA63J-473X	MG RESISTOR		
	R 351	NRSA63J-105X	MG RESISTOR		
	R 352	NRSA63J-102X	MG RESISTOR		
	R 353	NRSA63J-472X	MG RESISTOR		
	R 354	NRSA63J-0R0X	MG RESISTOR		
	R 355	NRSA63J-0R0X	MG RESISTOR		
	R 356	NRSA63J-0R0X	MG RESISTOR		
	R 361	NRSA63J-102X	MG RESISTOR		
	R 362	NRSA63J-102X	MG RESISTOR		
	R 363	NRSA63J-102X	MG RESISTOR		
	R 364	NRSA63J-102X	MG RESISTOR		
	R 365	NRSA63J-102X	MG RESISTOR		
	R 366	NRSA63J-102X	MG RESISTOR		
	R 367	NRSA63J-102X	MG RESISTOR		
	R 368	NRSA63J-102X	MG RESISTOR		
	R 391	NRSA63J-152X	MG RESISTOR		
	R 392	NRSA63J-152X	MG RESISTOR		
	R 393	NRSA63J-152X	MG RESISTOR		
	R 394	NRSA63J-152X	MG RESISTOR		
	R 395	NRSA63J-152X	MG RESISTOR		
	R 396	NRSA63J-152X	MG RESISTOR		
	R 397	NRSA63J-152X	MG RESISTOR		
	R 398	NRSA63J-152X	MG RESISTOR		
	R 401	NRSA63J-102X	MG RESISTOR		
	R 402	NRSA63J-102X	MG RESISTOR		
	R 403	NRSA63J-472X	MG RESISTOR		
	R 405	NRSA63J-472X	MG RESISTOR		
	R 407	NRSA63J-105X	MG RESISTOR		
	R 408	NRSA63J-472X	MG RESISTOR		
	R 411	NRSA63J-472X	MG RESISTOR		
	R 412	NRSA63J-472X	MG RESISTOR		
	R 413	NRSA63J-472X	MG RESISTOR		
	R 414	NRSA63J-472X	MG RESISTOR		
	R 415	NRSA63J-472X	MG RESISTOR		
	R 416	NRSA63J-472X	MG RESISTOR		
	R 418	NRSA63J-472X	MG RESISTOR		
	R 429	NRSA63J-102X	MG RESISTOR		
	R 430	NRSA63J-102X	MG RESISTOR		
	R 431	NRSA63J-102X	MG RESISTOR		
	R 432	NRSA63J-102X	MG RESISTOR		
	R 500	NRSA63J-0R0X	MG RESISTOR		
	R 501	NRSA63J-221X	MG RESISTOR		
	R 503	NRSA63J-330X	MG RESISTOR		
	R 504	NRSA63J-330X	MG RESISTOR		
	R 509	NRSA63J-330X	MG RESISTOR		
	R 510	NRSA63J-330X	MG RESISTOR		
	R 513	NRSA63J-152X	MG RESISTOR		
	R 514	NRSA63J-152X	MG RESISTOR		
	R 515	NRSA63J-152X	MG RESISTOR		
	R 541	NRSA63J-0R0X	MG RESISTOR		
	R 542	NRSA63J-0R0X	MG RESISTOR		
	R 543	NRSA63J-0R0X	MG RESISTOR		
	R 544	NRSA63J-0R0X	MG RESISTOR		
	R 545	NRSA63J-0R0X	MG RESISTOR		
	R 546	NRSA63J-0R0X	MG RESISTOR		
	R 547	NRSA63J-0R0X	MG RESISTOR		
	R 548	NRSA63J-0R0X	MG RESISTOR		
	R 549	NRSA63J-0R0X	MG RESISTOR		
	R 550	NRSA63J-0R0X	MG RESISTOR		

⚠	Item	Parts number	Parts name	Remarks	Area
	R 551	NRSA63J-0R0X	MG RESISTOR		
	R 552	NRSA63J-0R0X	MG RESISTOR		
	R 553	NRSA63J-0R0X	MG RESISTOR		
	R 562	NRSA63J-223X	MG RESISTOR		
	R 565	NRVA63D-472X	CMF RESISTOR		
	R 566	NRVA63D-132X	MG.RESI C.M		
	R 567	NRVA63D-820X	RES. C.M		1U,C,J
	R 567	NRVA63D-750X	MF RESISTOR		*1
	R 568	NRVA63D-750X	MF RESISTOR		
	R 569	NRVA63D-750X	MF RESISTOR		
	R 570	NRSA63J-100X	MG RESISTOR		
	R 572	NRVA63D-750X	MF RESISTOR		1U,C,J
	R 572	NRVA63D-820X	RES. C.M		*1
	R 573	NRSA63J-162X	MG RESISTOR		
	R 574	NRSA63J-162X	MG RESISTOR		
	R 575	NRSA63J-101X	MG RESISTOR		
	R 576	NRSA63J-750X	MG RESISTOR		
	R 578	NRSA63J-151X	MG RESISTOR		
	R 579	NRSA63J-151X	MG RESISTOR		
	R 580	NRSA63J-151X	MG RESISTOR		
	R 581	NRSA63J-151X	MG RESISTOR		
	R 583	NRSA63J-101X	MG RESISTOR		
	R 596	NRSA63J-750X	MG RESISTOR		
	R 597	NRSA63J-103X	MG RESISTOR		
	R 628	NRSA63J-152X	MG RESISTOR		
	R 629	NRSA63J-152X	MG RESISTOR		
	R 632	NRSA63J-152X	MG RESISTOR		
	R 633	NRSA63J-152X	MG RESISTOR		
	R 634	NRSA63J-152X	MG RESISTOR		
	R 635	NRSA63J-152X	MG RESISTOR		
	R 638	NRSA63J-152X	MG RESISTOR		
	R 639	NRSA63J-152X	MG RESISTOR		
	R 649	NRSA63J-330X	MG RESISTOR		
	R 650	NRSA63J-330X	MG RESISTOR		
	R 651	NRSA63J-330X	MG RESISTOR		
	R 652	NRSA63J-330X	MG RESISTOR		
	R 655	NRSA63J-0R0X	MG RESISTOR		
	R 656	NRSA63J-0R0X	MG RESISTOR		
	R 657	NRSA63J-0R0X	MG RESISTOR		
	R 658	NRSA63J-0R0X	MG RESISTOR		
	R 659	NRSA63J-0R0X	MG RESISTOR		
	R 660	NRSA63J-0R0X	MG RESISTOR		
	R 661	NRSA63J-0R0X	MG RESISTOR		
	R 662	NRSA63J-0R0X	MG RESISTOR		
	R 663	NRSA63J-0R0X	MG RESISTOR		
	R 664	NRSA63J-0R0X	MG RESISTOR		
	R 665	NRSA63J-0R0X	MG RESISTOR		
	X 351	NAX0277-002X	CRYSTAL	33.8688MHZ	
	X 401	NAX0331-001X	C RESONATOR		

***1:EE,EG,EN,ES**

■ **Electrical parts list (Front & Power Supply board : XV-D721BK)** **Block No. 02**

⚠	Item	Parts number	Parts name	Remarks	Area
	C1200	QDVB1EZ-223Y	C CAPACITOR		
	C1201	QER61AM-476Z	E CAPACITOR	47MF 20% 10V	
	C1202	QCFB1HZ-104Y	C CAPACITOR	.10MF +80:-20%	
	C1203	QCFB1HZ-104Y	C CAPACITOR	.10MF +80:-20%	
	C1204	QER61AM-476Z	E CAPACITOR	47MF 20% 10V	
	C1205	QCFB1HZ-104Y	C CAPACITOR	.10MF +80:-20%	
	C1206	QER61HM-475Z	E CAPACITOR	4.7MF 20% 50V	
	C1207	QER61HM-475Z	E CAPACITOR	4.7MF 20% 50V	
⚠	C1301	QFZ9067-683	C CAPACITOR	.068MF	
⚠	C1302	QCZ9079-222	C CAPACITOR	2200PF	*1,1U
⚠	C1302	QCZ9079-102	C CAPACITOR	1000PF	C,J
⚠	C1303	QCZ9079-222	C CAPACITOR	2200PF	*1,1U
	C1303	QCZ9079-102	C CAPACITOR	1000PF	C,J
	C1304	QEZ0445-127	E.CAPACITOR	U	1U
	C1304	QETM2DM-157	E CAPACITOR	J,C,DOM	C,J
	C1304	QEZ0374-826	E.CAPACITOR	E	*1
	C1305	QCZ0136-332Z	C CAPACITOR	3300PF	
	C1306	QCZ0136-221Z	C CAPACITOR	220PF	
	C1307	QCBB1HK-471Y	C CAPACITOR	470PF 10% 50V	
	C1308	QCZ0136-101Z	C CAPACITOR	100PF	
	C1309	QEMU1EM-396Z	E CAPACITOR	39MF 20% 25V	
	C1310	QCBB1HK-221Y	C CAPACITOR	220PF 10% 50V	
	C1311	QCFB1HZ-104Y	C CAPACITOR	.10MF +80:-20%	
	C1313	QTE1C27-108	E CAPACITOR		
	C1314	QTE1C27-108	E CAPACITOR		
	C1315	QTE1C28-107Z	E CAPACITOR		
	C1316	QTE1C28-107Z	E CAPACITOR		
	C1317	QTE1C28-227Z	E CAPACITOR		
	C1318	QTE1C28-227Z	E CAPACITOR		
	C1319	QEMS1EM-567	E CAPACITOR	560MF 20% 25V	
	C1320	QEMS1EM-567	E CAPACITOR	560MF 20% 25V	
	C1321	QETC1CM-227Z	E CAPACITOR	220MF 20% 16V	
	C1322	QEMS1CM-827	E CAPACITOR	820MF 20% 16V	
	C1323	QEMU1VM-396Z	E.CAPACITOR	39MF 20% 35V	
	C1324	QETC1HM-226Z	E CAPACITOR	22MF 20% 50V	
	C1325	QEMU1AM-107Z	E.CAPACITOR	100MF 20% 10V	
	C1326	QCFB1HZ-104Y	C CAPACITOR	.10MF +80:-20%	
	C1327	QCFB1HZ-104Y	C CAPACITOR	.10MF +80:-20%	
	C1328	QCFB1HZ-104Y	C CAPACITOR	.10MF +80:-20%	
	C1329	QCS11HJ-101	C CAPACITOR	100PF 5% 50V	
	C1330	QETN1HM-474Z	E CAPACITOR	.47MF 20% 50V	
	C1331	QETC1CM-226Z	E CAPACITOR	22MF 20% 16V	
	C1332	QETC1AM-477Z	E CAPACITOR	470MF 20% 10V	
	C1333	QETC1AM-477Z	E CAPACITOR	470MF 20% 10V	
	C1334	QEMS1AM-108	E CAPACITOR	1000MF 20% 10V	
	C1335	QETC1AM-477Z	E CAPACITOR	470MF 20% 10V	
	C1336	QETC1AM-477Z	E CAPACITOR	470MF 20% 10V	
	C1337	QEMS1AM-108	E CAPACITOR	1000MF 20% 10V	
	C1339	QETC1CM-226Z	E CAPACITOR	22MF 20% 16V	
	C1340	QETC1CM-227Z	E CAPACITOR	220MF 20% 16V	
⚠	C1345	QFZ9067-683	C CAPACITOR	.068MF	
	C1350	QCZ0205-155Z	ML C CAPACITOR	1.5MF	
	CN711	QGD2501C1-03Z	SOCKET	TO VIDEO	
	CN815	QGD2501C1-04Z	SOCKET	TO AUDIO	
	CN816	QGF1016C1-09	FFC/FPC CONNE		
	CN817	QGA2001C1-06	6P PLUG ASSY		
	CN818	QGF1205C1-15	CONNECTOR	TO FRONT	
	CN901	QGF1205F1-15	CONNECTOR		
	CN903	QGB2003L1-04	CONNECTOR		
	CN913	QGB2003M2-04	CONNECTOR		
	CP901	ICP-N10-T	ICP		
	D1201	1SS119-02-T2	SI DIODE		
	D1202	1SS119-02-T2	SI DIODE		
	D1203	1SS119-02-T2	SI DIODE		

⚠	Item	Parts number	Parts name	Remarks	Area
	D1204	1SS119-02-T2	SI DIODE		
	D1210	SLR-342DC-T	LED I.M	DISPLAY OFF	
	D1211	SELU2E10C	LED	DVD AUDIO	
	D1212	SLR-342MC-T	LED	44.1KHZ	1U,C,J
	D1213	SLR-342DC-T	LED I.M	48KHZ	
	D1214	SLR-342DC-T	LED I.M	96KHZ	
	D1215	SLR-342DC-T	LED I.M	192KHZ	
	D1216	SLR-342VC-T	LED	STANDBY	
⚠	D1301	S1WB/A/60-4101	BRIDGE DIODE		
	D1303	ERA18-04-T1	FR DIODE		
	D1304	ERA18-04-T1	FR DIODE		
	D1305	ERA18-04-T1	FR DIODE		
	D1306	ERA18-04-T1	FR DIODE		
	D1307	ERA18-04-T1	FR DIODE		
	D1311	1SS133-T2	SI DIODE		
	D1312	1SS133-T2	SI DIODE		
	D1313	1SS133-T2	SI DIODE		
	D1314	1SS133-T2	SI DIODE		
	D1315	1SS133-T2	SI DIODE		
	D1316	MTZJ12C-T2	ZENER DIODE		
	D1317	MTZJ12C-T2	ZENER DIODE		
⚠	D1318	ERA18-04-T1	FR DIODE		
⚠	D1319	ERA18-04-T1	FR DIODE		
⚠	D1320	ERA18-04-T1	FR DIODE		
⚠	D1321	ERA18-04-T1	FR DIODE		
⚠	D1322	ERA18-04-T1	FR DIODE		
	D1324	MTZJ2.0A-T2	ZENER DIODE		
	D1326	MTZJ5.1C-T2	ZENER DIODE		
⚠	D1327	FMB-24	FUSEIODE		
⚠	D1328	FMB-24	FUSEIODE		
	D1329	ERA18-04-T1	FR DIODE		
	DI901	QLF0072-001	FL TUBE		
	EP951	QNZ0136-001Z	EARTH PLATE		
	FC951	QNG0003-001Z	FUSE CLIP		
	FC952	QNG0003-001Z	FUSE CLIP		
	FL951	E67132-T1R6	T1R6 FUSE LABEL		*1,1U
	FS201	PU59915-105	SPACER		
	FS202	PU59915-105	SPACER		
	HS951	LV41785-001A	HEAT SINK		*1,1U
	IC901	MN101C35DGA	IC	MASK	
	IC902	IC-PST574C-T	IC		
	IC903	GP1U271X	RM RECIVER		
⚠	IC951	STR-G6651	IC		
⚠	IC952	PC123FY	IC(PHOTO COUPLE		*1,1U
⚠	IC952	PC123F	IC(PHOTO COUPLE		C,J
⚠	IC953	PC123FY	IC(PHOTO COUPLE		*1,1U
⚠	IC953	PC123F	IC(PHOTO COUPLE		C,J
⚠	IC954	PQ05RF1	IC		
	IC955	SI-3033C	IC		
⚠	J 951	QNC0006-001	AC SOCKET		*1,1U
⚠	J 951	QNC0046-001	AC INLET		C,J
	K 951	QQR0601-001Z	FERRITE BEADS		
	K 952	QQR0601-001Z	FERRITE BEADS		
	K 953	QQR0601-001Z	FERRITE BEADS		
	K 954	QQR0601-001Z	FERRITE BEADS		
	K 955	QQR0601-001Z	FERRITE BEADS		
	K 956	QQR0601-001Z	FERRITE BEADS		
	L1301	QQL31AK-101Z	INDUCTOR		
	L1302	QQL31AK-101Z	INDUCTOR		
	L1303	QQL31AK-101Z	INDUCTOR		
	L1304	QQL31AK-101Z	INDUCTOR		
	L1305	QQL31AK-101Z	INDUCTOR		
	Q 901	DTA144ESA-T	DIGITAL.TR TAPE		
	Q 902	2SC1741AS/QR/-T	TRANSISTOR		

***1:EE,EG,EN,ES**

■ **Electrical parts list (Front & Power Supply board : XV-D721BK)**

Block No. 02

⚠	Item	Parts number	Parts name	Remarks	Area
	Q 903	DTC114YSA-T	D.TR.I.M		
	Q1301	2SD2394/EF/	TRANSISTOR		
	Q1302	2SB1565/EF/	TRANSISTOR		
	Q1303	DTA114YSA-T	D.TR.I.M		
	Q1304	DTC144ESA-T	D.TR.I.M		
	Q1305	DTC144ESA-T	D.TR.I.M		
	Q1306	DTA114YSA-T	D.TR.I.M		
	Q1307	2SA933S/RS/-T	TRANSISTOR		
	Q1310	2SC1740S/RS/-T	TRANSISTOR		
	R1201	QRE141J-105Y	C RESISTOR	1.0M 5% 1/4W	
	R1210	QRE141J-750Y	C RESISTOR	75 5% 1/4W	
	R1211	QRE141J-680Y	C RESISTOR	68 5% 1/4W	
	R1212	QRE141J-750Y	C RESISTOR	75 5% 1/4W	1U,C,J
	R1213	QRE141J-750Y	C RESISTOR	75 5% 1/4W	
	R1214	QRE141J-750Y	C RESISTOR	75 5% 1/4W	
	R1215	QRE141J-750Y	C RESISTOR	75 5% 1/4W	
	R1216	QRE141J-750Y	C RESISTOR	75 5% 1/4W	
	R1217	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R1219	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R1220	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R1300	QRZ9044-335	COMP.RESISTOR	3.3M 1/0W	
	R1301	QRE141J-754Y	C RESISTOR	750K 5% 1/4W	1U
	R1301	QRE141J-474Y	C RESISTOR	470K 5% 1/4W	*1,C,J
	R1302	QRE141J-754Y	C RESISTOR	750K 5% 1/4W	1U
	R1302	QRE141J-474Y	C RESISTOR	470K 5% 1/4W	*1,C,J
	R1303	QRT022J-R47	OMF RESISTOR	5% 1/2W	1U,C,J
	R1303	QRT022J-R56	UNF.MF.RES	5% 1/2W	*1
	R1304	QRE141J-681Y	C RESISTOR	680 5% 1/4W	
	R1305	QRL01DJ-683X	OMF RESISTOR	68K 5% 1/1W	
	R1306	QRE141J-270Y	C RESISTOR	27 5% 1/4W	
	R1307	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R1309	QRL027J-683	OMF RESISTOR	68K 5% 1/2W	
	R1310	QRE141J-331Y	C RESISTOR	330 5% 1/4W	
	R1311	QRE141J-331Y	C RESISTOR	330 5% 1/4W	
	R1312	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R1313	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R1314	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R1315	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R1316	QRE141J-562Y	C RESISTOR	5.6K 5% 1/4W	
	R1317	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R1320	QRE141J-221Y	C RESISTOR	220 5% 1/4W	
	R1321	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R1322	QRE141J-681Y	C RESISTOR	680 5% 1/4W	
	R1323	QRE141J-221Y	C RESISTOR	220 5% 1/4W	
	R1328	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R1329	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R1330	QRE141J-332Y	C RESISTOR	3.3K 5% 1/4W	
	R1350	QRE141J-220Y	C RESISTOR	22 5% 1/4W	
	R1351	QRE141J-220Y	C RESISTOR	22 5% 1/4W	
	R1352	QRE141J-220Y	C RESISTOR	22 5% 1/4W	
	R1353	QRE141J-220Y	C RESISTOR	22 5% 1/4W	
	R1354	QRE141J-220Y	C RESISTOR	22 5% 1/4W	
	R1355	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R1356	QRE141J-220Y	C RESISTOR	22 5% 1/4W	
	R2001	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R2002	QRE141J-331Y	C RESISTOR	330 5% 1/4W	
	RA901	QRB119J-104	R.NETWORK	100K 5% 1/1W	
	RA902	QRB089J-104	R.NETWORK	100K 5% 1/8W	
	RA903	QRB139J-104	R.NETWORK	100K 5% 1/3W	
	RA904	QRB139J-104	R.NETWORK	100K 5% 1/3W	
	RA905	QRB039J-472	R.NETWORK	4.7K 5% 1/3W	
	S 901	QSW0499-001Z	PUSH SW I.M	POWER	
	S 902	QSW0499-001Z	PUSH SW I.M	DISPLAY OFF	
	S 903	QSW0499-001Z	PUSH SW I.M	OPEN/CLOSE	
	S 904	QSW0499-001Z	PUSH SW I.M	FWD SKIP	
	S 905	QSW0499-001Z	PUSH SW I.M	BWD SKIP	
	S 906	QSW0499-001Z	PUSH SW I.M	STOP	
	S 907	QSW0499-001Z	PUSH SW I.M	PAUSE	
	S 908	QSW0499-001Z	PUSH SW I.M	PLAY	
⚠	T 951	QQR0894-001	LINE FILTER		
	T 952	QQS0068-001	SW TRANSF		
	X 901	QAX0246-001Z	RESONATOR I.M		

***1:EE,EG,EN,ES**

■ **Electrical parts list (Audio & Video board : XV-D721BK)**

Block No. 03

⚠	Item	Parts number	Parts name	Remarks	Area
	C 701	QTE1A28-108Z	E CAPACITOR		1U,C,J
	C 702	QCZ0205-155Z	ML C CAPACITOR	1.5MF	1U,C,J
	C 703	QTE1A28-108Z	E CAPACITOR		1U,C,J
	C 704	QTE1A28-107Z	E CAPACITOR		1U,C,J
	C 705	QCZ0205-155Z	ML C CAPACITOR	1.5MF	1U,C,J
	C 706	QTE1H28-475Z	E CAPACITOR		1U,C,J
	C 707	QTE1H28-475Z	E CAPACITOR		1U,C,J
	C 711	QTE1A28-108Z	E CAPACITOR		1U,C,J
	C 712	QTE1A28-108Z	E CAPACITOR		1U,C,J
	C 713	QTE1A28-108Z	E CAPACITOR		1U,C,J
	C 714	QTE1A28-107Z	E CAPACITOR		1U,C,J
	C 715	QCZ0205-155Z	ML C CAPACITOR	1.5MF	1U,C,J
	C 716	QTE1H28-475Z	E CAPACITOR		1U,C,J
	C 717	QTE1H28-475Z	E CAPACITOR		1U,C,J
	C 718	QTE1H28-475Z	E CAPACITOR		1U,C,J
	C 722	QCS11HJ-101	C CAPACITOR	100PF 5% 50V	1U,C,J
	C 743	QTE1C27-228	E CAPACITOR		1U,C,J
	C 744	QTE0J28-227Z	E CAPACITOR		1U,C,J
	C 745	QCZ0205-155Z	ML C CAPACITOR	1.5MF	1U,C,J
	C 751	QTE1A28-108Z	E CAPACITOR		*1
	C 752	QCZ0205-155Z	ML C CAPACITOR	1.5MF	*1
	C 753	QTE1A28-108Z	E CAPACITOR		*1
	C 754	QTE1A28-108Z	E CAPACITOR		*1
	C 755	QTE1A28-108Z	E CAPACITOR		*1
	C 756	QTE1A28-108Z	E CAPACITOR		*1
	C 757	QTE1A28-108Z	E CAPACITOR		*1
	C 758	QTE1H28-475Z	E CAPACITOR		*1
	C 759	QTE1H28-475Z	E CAPACITOR		*1
	C 760	QTE1H28-475Z	E CAPACITOR		*1
	C 761	QTE1H28-475Z	E CAPACITOR		*1
	C 762	QTE1H28-475Z	E CAPACITOR		*1
	C 763	QTE1H28-475Z	E CAPACITOR		*1
	C 764	QTE1H28-475Z	E CAPACITOR		*1
	C 769	QCS11HJ-101	C CAPACITOR	100PF 5% 50V	*1
	C 770	QTE1A28-107Z	E CAPACITOR		*1
	C 771	QCZ0205-155Z	ML C CAPACITOR	1.5MF	*1
	C 772	QTE1A28-107Z	E CAPACITOR		*1
	C 773	QCZ0205-155Z	ML C CAPACITOR	1.5MF	*1
	C 774	QTE1A28-107Z	E CAPACITOR		*1
	C 775	QCZ0205-155Z	ML C CAPACITOR	1.5MF	*1
	C 776	QTE1C27-228	E CAPACITOR		*1
	C 777	QTE0J28-227Z	E CAPACITOR		*1
	C 778	QCZ0205-155Z	ML C CAPACITOR	1.5MF	*1
	C 791	QCS11HJ-471	C CAPACITOR	470PF 5% 50V	*1
	C 792	QCS11HJ-471	C CAPACITOR	470PF 5% 50V	*1
	C 801	QFLC1HJ-182Z	M CAPACITOR	1800PF 5% 50V	
	C 802	QFLC1HJ-182Z	M CAPACITOR	1800PF 5% 50V	
	C 803	QTE1E48-476Z	E CAPACITOR		
	C 804	QTE1E48-476Z	E CAPACITOR		
	C 805	QTE1C28-337Z	E.CAPA I/M		
	C 806	QTE1C28-337Z	E.CAPA I/M		
	C 807	QTE1C28-337Z	E.CAPA I/M		
	C 808	QTE1C28-337Z	E.CAPA I/M		
	C 809	QFP31HG-103Z	PP CAPACITOR	.010MF 50V	
	C 810	QFP31HG-103Z	PP CAPACITOR	.010MF 50V	
	C 811	QFN31HJ-561Z	M.CAPA I.M	560PF 5% 50V	
	C 812	QFN31HJ-561Z	M.CAPA I.M	560PF 5% 50V	
	C 813	QFLC1HJ-272Z	M.CAPA. I.M	2700PF 5% 50V	
	C 814	QFLC1HJ-272Z	M.CAPA. I.M	2700PF 5% 50V	
	C 815	QFN31HJ-333Z	M.CAPACITOR	.033MF 5% 50V	
	C 816	QFN31HJ-333Z	M.CAPACITOR	.033MF 5% 50V	
	C 817	QFP31HG-121Z	PP CAPACITOR	120PF 50V	
	C 818	QFP31HG-121Z	PP CAPACITOR	120PF 50V	
	C 819	QFLC1HJ-561Z	M.CAPA I.M	560PF 5% 50V	

⚠	Item	Parts number	Parts name	Remarks	Area
	C 820	QFLC1HJ-561Z	M.CAPA I.M	560PF 5% 50V	
	C 821	QTE0J24-338Z	E.CAPA I/M		
	C 822	QTE0J24-338Z	E.CAPA I/M		
	C 823	QCZ0205-155Z	ML C CAPACITOR	1.5MF	
	C 824	QCZ0205-155Z	ML C CAPACITOR	1.5MF	
	C 825	QFVJ1HJ-224Z	MF CAPACITOR	.22MF 5% 50V	
	C 826	QTE0J28-477Z	E CAPACITOR		
	C 827	QFN31HJ-103Z	M CAPACITOR	.010MF 5% 50V	
	C 828	QCZ0205-155Z	ML C CAPACITOR	1.5MF	
	C 829	QCZ0205-155Z	ML C CAPACITOR	1.5MF	
	C 831	QFLC1HJ-152Z	M CAPACITOR	1500PF 5% 50V	
	C 832	QFLC1HJ-152Z	M CAPACITOR	1500PF 5% 50V	
	C 841	QFLC1HJ-222Z	M CAPACITOR	2200PF 5% 50V	
	C 842	QFLC1HJ-222Z	M CAPACITOR	2200PF 5% 50V	
	C 843	QTE1E28-476Z	E CAPACITOR		
	C 844	QTE1E28-476Z	E CAPACITOR		
	C 845	QTE1C28-227Z	E CAPACITOR		
	C 846	QTE1C28-227Z	E CAPACITOR		
	C 847	QTE1C28-227Z	E CAPACITOR		
	C 848	QTE1C28-227Z	E CAPACITOR		
	C 849	QFN31HJ-152Z	M CAPACITOR	1500PF 5% 50V	
	C 850	QFN31HJ-152Z	M CAPACITOR	1500PF 5% 50V	
	C 851	QFLC1HJ-123Z	M CAPACITOR	.012MF 5% 50V	
	C 852	QFLC1HJ-123Z	M CAPACITOR	.012MF 5% 50V	
	C 853	QFLC1HJ-101Z	M.CAPA. I.M	100PF 5% 50V	
	C 854	QFLC1HJ-101Z	M.CAPA. I.M	100PF 5% 50V	
	C 855	QFN31HJ-333Z	M.CAPACITOR	.033MF 5% 50V	
	C 856	QFN31HJ-333Z	M.CAPACITOR	.033MF 5% 50V	
	C 857	QFLC1HJ-102Z	M CAPACITOR	1000PF 5% 50V	
	C 858	QFLC1HJ-102Z	M CAPACITOR	1000PF 5% 50V	
	C 859	QTE0J28-477Z	E CAPACITOR		
	C 860	QTE0J28-477Z	E CAPACITOR		
	C 861	QCZ0205-155Z	ML C CAPACITOR	1.5MF	
	C 862	QCZ0205-155Z	ML C CAPACITOR	1.5MF	
	C 863	QCZ0205-155Z	ML C CAPACITOR	1.5MF	
	C 864	QCZ0205-155Z	ML C CAPACITOR	1.5MF	
	C 866	QFN31HJ-103Z	M CAPACITOR	.010MF 5% 50V	
	C 867	QFVJ1HJ-224Z	MF CAPACITOR	.22MF 5% 50V	
	C 868	QTE0J28-477Z	E CAPACITOR		
	C 869	QFLC1HJ-152Z	M CAPACITOR	1500PF 5% 50V	
	C 871	QFLC1HJ-152Z	M CAPACITOR	1500PF 5% 50V	
	C 873	QFLC1HJ-222Z	M CAPACITOR	2200PF 5% 50V	
	C 874	QFLC1HJ-222Z	M CAPACITOR	2200PF 5% 50V	
	C 875	QTE1E28-476Z	E CAPACITOR		
	C 876	QTE1E28-476Z	E CAPACITOR		
	C 877	QTE1C28-227Z	E CAPACITOR		
	C 878	QTE1C28-227Z	E CAPACITOR		
	C 879	QTE1C28-227Z	E CAPACITOR		
	C 880	QTE1C28-227Z	E CAPACITOR		
	C 881	QFN31HJ-152Z	M CAPACITOR	1500PF 5% 50V	
	C 882	QFN31HJ-152Z	M CAPACITOR	1500PF 5% 50V	
	C 883	QFLC1HJ-123Z	M CAPACITOR	.012MF 5% 50V	
	C 884	QFLC1HJ-123Z	M CAPACITOR	.012MF 5% 50V	
	C 885	QFN31HJ-333Z	M.CAPACITOR	.033MF 5% 50V	
	C 886	QFN31HJ-333Z	M.CAPACITOR	.033MF 5% 50V	
	C 887	QFLC1HJ-101Z	M.CAPA. I.M	100PF 5% 50V	
	C 888	QFLC1HJ-101Z	M.CAPA. I.M	100PF 5% 50V	
	C 889	QFLC1HJ-102Z	M CAPACITOR	1000PF 5% 50V	
	C 890	QFLC1HJ-102Z	M CAPACITOR	1000PF 5% 50V	
	C 891	QTE0J28-477Z	E CAPACITOR		
	C 892	QTE0J28-477Z	E CAPACITOR		
	C 893	QCZ0205-155Z	ML C CAPACITOR	1.5MF	
	C 894	QCZ0205-155Z	ML C CAPACITOR	1.5MF	
	C 895	QCZ0205-155Z	ML C CAPACITOR		

***1:EE,EG,EN,ES**

■ **Electrical parts list (Audio & Video board : XV-D721BK)**

Block No. 03

⚠	Item	Parts number	Parts name	Remarks	Area
	C 897	QTE0J28-477Z	E CAPACITOR		
	C 898	QFVJ1HJ-224Z	MF CAPACITOR	.22MF 5% 50V	
	C 899	QFN31HJ-103Z	M CAPACITOR	.010MF 5% 50V	
	C 900	QCZ0205-155Z	ML C CAPACITOR	1.5MF	
	C 901	QTE0J28-477Z	E CAPACITOR		
	C 902	QTE1C28-477Z	E CAPACITOR		
	C 903	QTE1C28-477Z	E CAPACITOR		
	C 911	QCF31HZ-223Z	C CAPACITOR	.022MF +80:-20%	
	C 921	QCBB1HK-561Y	C CAPACITOR	560PF 10% 50V	
	C 922	QCFB1HZ-104Y	C CAPACITOR	.10MF +80:-20%	
	C 923	QTE1A28-107Z	E CAPACITOR		
	C 924	QCBB1HK-151Y	C CAPACITOR	150PF 10% 50V	
	C 925	QTE1E28-476Z	E CAPACITOR		
	C 926	QCZ0205-155Z	ML C CAPACITOR	1.5MF	
	C 927	QDVB1EZ-223Y	C CAPACITOR		
	C9335	QETN1HM-105Z	E CAPACITOR	1.0MF 20% 50V	
	C9336	QETN1HM-105Z	E CAPACITOR	1.0MF 20% 50V	
	CN701	QGF1016C1-11	CONNECTOR		1U,C,J
	CN751	QGF1016C1-11	CONNECTOR		*1
	CN791	QGD2501C1-04Z	SOCKET		*1
	CN801	QGB2510K2-14	CONNECTOR		
	CN802	QGB2510K2-14	CONNECTOR		
	CN803	QGB2510K2-14	CONNECTOR		
	CN811	QGB2510J1-14	CONNECTOR		
	CN812	QGB2510J1-14	CONNECTOR		
	CN813	QGB2510J1-14	CONNECTOR		
	CN831	QGF1016C1-23	CONNECTOR		
	CN935	QGA2501C1-04	4P CONNECTOR		
	D 701	1SS133-T2	SI DIODE		1U,C,J
	D 702	1SS133-T2	SI DIODE		1U,C,J
	D 703	1SS133-T2	SI DIODE		1U,C,J
	D 704	1SS133-T2	SI DIODE		1U,C,J
	D 751	1SS133-T2	SI DIODE		*1
	D 752	1SS133-T2	SI DIODE		*1
	D 753	1SS133-T2	SI DIODE		*1
	D 754	1SS133-T2	SI DIODE		*1
	D 755	1SS133-T2	SI DIODE		*1
	D 756	1SS133-T2	SI DIODE		*1
	D 757	1SS133-T2	SI DIODE		*1
	D 801	1SS133-T2	SI DIODE		
	D 802	1SS133-T2	SI DIODE		
	D 811	1SS133-T2	SI DIODE		
	D 812	1SS133-T2	SI DIODE		
	D 823	1SS133-T2	SI DIODE		
	D 824	1SS133-T2	SI DIODE		
	D 851	MTZJ3.3B-T2	ZENER DIODE IM		
	FS751	VYSH101-009	SPACER		*1
	FW701	QUM153-10DGZ4	F.WIRE		1U,C,J
	FW751	QUM153-10DGZ4	F.WIRE		*1
	FW801	QUM154-34DGZ4	PARA RIBON WIRE		*1
	FW804	QUM154-28DGZ4	F.WIRE		
	IC701	TK15400M-X	IC		1U,C,J
	IC702	TK15401M-X	IC		1U,C,J
	IC711	NJM78M05FA	IC		1U,C,J
	IC751	TK15400M-X	IC		*1
	IC752	TK15400M-X	IC		*1
	IC753	TK15401M-X	IC		*1
	IC754	NJM78M05FA	IC		*1
	IC801	NJM5532L	IC		
	IC802	NJM5532L	IC		
	IC803	MN35505	IC		
	IC811	NJM5532L	IC		
	IC812	NJM5532L	IC		
	IC813	MN35505	IC		

⚠	Item	Parts number	Parts name	Remarks	Area
	IC821	NJM5532L	IC		
	IC822	NJM5532L	IC		
	IC823	MN35505	IC		
	IC831	NJM78M05FA	IC		
	IC851	TC74HC08AF-X	IC		
	IC931	PQ3DZ53-X	IC		
	J 701	QND0019-001	S-CONNECTOR		1U,C,J
	J 702	QNN0278-001	PIN JACK		1U,C,J
	J 703	QNN0277-001	PIN JACK		1U,C,J
	J 751	QND0019-001	S-CONNECTOR	S-VIDEO	*1
	J 752	QNN0278-001	PIN JACK	CV	*1
	J 753	QNZ0099-001	RGB CONNECTOR	SCART	*1
	J 801	QNN0156-001	PIN JACK		
	J 811	QNN0156-001	PIN JACK		
	J 821	QNN0051-001	PIN JACK		
	J 831	QNS0016-001	3.5 JACK	COMPULINK	
	J 841	QNN0029-001	PIN JACK	COAX D.OUT	
	J 851	GP1FA550TZ	OPT TRANSMITTER	OPT D.OUT	
	K 001	QQR0601-001Z	FERRITE BEADS		
	K 002	QQR0601-001Z	FERRITE BEADS		
	K 003	QQR0601-001Z	FERRITE BEADS		
	K 701	QQR0601-001Z	FERRITE BEADS		1U,C,J
	K 702	QQR0601-001Z	FERRITE BEADS		1U,C,J
	K 751	QQR0601-001Z	FERRITE BEADS		*1
	K 752	QQR0601-001Z	FERRITE BEADS		*1
	K 801	QQR0601-001Z	FERRITE BEADS		
	K 802	QQR0601-001Z	FERRITE BEADS		
	K 803	QQR0601-001Z	FERRITE BEADS		
	K 804	QQR0601-001Z	FERRITE BEADS		
	K 811	QQR0601-001Z	FERRITE BEADS		
	K 812	QQR0601-001Z	FERRITE BEADS		
	K 813	QQR0601-001Z	FERRITE BEADS		
	K 814	QQR0601-001Z	FERRITE BEADS		
	K 821	QQR0601-001Z	FERRITE BEADS		
	K 822	QQR0601-001Z	FERRITE BEADS		
	K 823	QQR0601-001Z	FERRITE BEADS		
	K 824	QQR0601-001Z	FERRITE BEADS		
	K 831	QQR0601-001Z	FERRITE BEADS		
	K 832	QQR0601-001Z	FERRITE BEADS		
	K 833	QQR0601-001Z	FERRITE BEADS		
	K 842	QQR0601-001Z	FERRITE BEADS		
	L 701	QQR1088-001	LPF		1U,C,J
	L 702	QQR1088-001	LPF		1U,C,J
	L 703	QQR1088-001	LPF		1U,C,J
	L 704	QQR1089-001	LPF		1U,C,J
	L 751	QQR1089-001	LPF		*1
	L 752	QQR1088-001	LPF		*1
	L 753	QQR1088-001	LPF		*1
	L 754	QQR1088-001	LPF		*1
	L 801	QQL121M-1R0Y	INDUCTOR I.M		
	Q 751	DTC114ESA-T	DIGITAL.TR TAPE		*1
	Q 752	DTA114ESA-T	DIGITAL.TR TAPE		*1
	Q 753	DTC114ESA-T	DIGITAL.TR TAPE		*1
	Q 754	DTC114ESA-T	DIGITAL.TR TAPE		*1
	Q 755	DTC114ESA-T	DIGITAL.TR TAPE		*1
	Q 791	2SD1302/ST/-T	TRANSISTOR		*1
	Q 792	2SD1302/ST/-T	TRANSISTOR		*1
	Q 801	2SD1302/ST/-T	TRANSISTOR		
	Q 802	2SD1302/ST/-T	TRANSISTOR		
	Q 803	2SD1302/ST/-T	TRANSISTOR		
	Q 804	2SD1302/ST/-T	TRANSISTOR		
	Q 805	DTA114ESA-T	DIGITAL.TR TAPE		
	Q 806	DTA114ESA-T	DIGITAL.TR TAPE		
	Q 811	2SD1302/ST/-T	TRANSISTOR		

■ **Electrical parts list (Audio & Video board : XV-D721BK)**

Block No. 03

⚠	Item	Parts number	Parts name	Remarks	Area
	Q 812	2SD1302/ST/-T	TRANSISTOR		
	Q 813	DTA114ESA-T	DIGITAL.TR TAPE		
	Q 821	2SD1302/ST/-T	TRANSISTOR		
	Q 822	2SD1302/ST/-T	TRANSISTOR		
	Q 824	DTA114ESA-T	DIGITAL.TR TAPE		
	R 701	QRA14CF-75R0Y	MF.RES IM	1/4W	1U,C,J
	R 702	QRA14CF-75R0Y	MF.RES IM	1/4W	1U,C,J
	R 703	QRA14CF-75R0Y	MF.RES IM	1/4W	1U,C,J
	R 704	QRA14CF-82R0Y	M.F.RESISTOR	1/4W	1U,C,J
	R 710	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	1U,C,J
	R 711	QRA14CF-75R0Y	MF.RES IM	1/4W	1U,C,J
	R 712	QRA14CF-75R0Y	MF.RES IM	1/4W	1U,C,J
	R 713	QRA14CF-75R0Y	MF.RES IM	1/4W	1U,C,J
	R 714	QRA14CF-75R0Y	MF.RES IM	1/4W	1U,C,J
	R 715	QRA14CF-75R0Y	MF.RES IM	1/4W	1U,C,J
	R 716	QRA14CF-75R0Y	MF.RES IM	1/4W	1U,C,J
	R 723	QRA14CF-1001Y	M.F.RESISTOR	10 1/4W	1U,C,J
	R 724	QRA14CF-1001Y	M.F.RESISTOR	10 1/4W	1U,C,J
	R 725	QRA14CF-1001Y	M.F.RESISTOR	10 1/4W	1U,C,J
	R 751	QRA14CF-75R0Y	MF.RES IM	1/4W	*1
	R 752	QRA14CF-75R0Y	MF.RES IM	1/4W	*1
	R 753	QRA14CF-75R0Y	MF.RES IM	1/4W	*1
	R 754	QRA14CF-75R0Y	MF.RES IM	1/4W	*1
	R 755	QRA14CF-75R0Y	MF.RES IM	1/4W	*1
	R 756	QRA14CF-75R0Y	MF.RES IM	1/4W	*1
	R 757	QRA14CF-75R0Y	MF.RES IM	1/4W	*1
	R 758	QRA14CF-75R0Y	MF.RES IM	1/4W	*1
	R 759	QRA14CF-75R0Y	MF.RES IM	1/4W	*1
	R 760	QRA14CF-75R0Y	MF.RES IM	1/4W	*1
	R 761	QRA14CF-91R0Y	MF.RES IM	1/4W	*1
	R 762	QRA14CF-1501Y	MF.RES IM	15 1/4W	*1
	R 763	QRA14CF-2001Y	MF.RES IM	20 1/4W	*1
	R 764	QRA14CF-1201Y	M.F.RESISTOR	12 1/4W	*1
	R 766	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	*1
	R 767	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	*1
	R 768	QRE141J-750Y	C RESISTOR	75 5% 1/4W	*1
	R 769	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	*1
	R 770	QRE141J-681Y	C RESISTOR	680 5% 1/4W	*1
	R 771	QRE141J-681Y	C RESISTOR	680 5% 1/4W	*1
	R 772	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	*1
	R 775	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	*1
	R 776	QRA14CF-2400Y	MF.RES IM	24 1/4W	*1
	R 791	QRE141J-112Y	C RESISTOR	1.1K 5% 1/4W	*1
	R 792	QRE141J-112Y	C RESISTOR	1.1K 5% 1/4W	*1
	R 793	QRE141J-112Y	C RESISTOR	1.1K 5% 1/4W	*1
	R 794	QRE141J-112Y	C RESISTOR	1.1K 5% 1/4W	*1
	R 795	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	*1
	R 796	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	*1
	R 797	QRE141J-151Y	C RESISTOR	150 5% 1/4W	*1
	R 798	QRE141J-151Y	C RESISTOR	150 5% 1/4W	*1
	R 801	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R 802	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R 803	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R 804	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R 805	QRE141J-561Y	C RESISTOR	560 5% 1/4W	
	R 806	QRE141J-561Y	C RESISTOR	560 5% 1/4W	
	R 807	QRE141J-273Y	C RESISTOR	27K 5% 1/4W	
	R 808	QRE141J-273Y	C RESISTOR	27K 5% 1/4W	
	R 809	QRE141J-183Y	C RESISTOR	18K 5% 1/4W	
	R 810	QRE141J-183Y	C RESISTOR	18K 5% 1/4W	
	R 811	QRE141J-821Y	C RESISTOR	820 5% 1/4W	
	R 812	QRE141J-821Y	C RESISTOR	820 5% 1/4W	
	R 813	QRE141J-221Y	C RESISTOR	220 5% 1/4W	
	R 814	QRE141J-221Y	C RESISTOR	220 5% 1/4W	
	R 815	QRE141J-221Y	C RESISTOR	220 5% 1/4W	
	R 816	QRE141J-221Y	C RESISTOR	220 5% 1/4W	
	R 817	QRA14CF-6200Y	M.F.RESISTOR	62 1/4W	
	R 818	QRA14CF-6200Y	M.F.RESISTOR	62 1/4W	
	R 819	QRA14CF-6800Y	M.F.RESISTOR	68 1/4W	
	R 820	QRA14CF-6800Y	M.F.RESISTOR	68 1/4W	
	R 821	QRE141J-105Y	C RESISTOR	1.0M 5% 1/4W	
	R 822	QRE141J-105Y	C RESISTOR	1.0M 5% 1/4W	
	R 823	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R 824	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R 825	QRE141J-362Y	C RESISTOR	3.6K 5% 1/4W	
	R 826	QRE141J-362Y	C RESISTOR	3.6K 5% 1/4W	
	R 827	QRA14CF-3301Y	MF.RES IM	33 1/4W	
	R 828	QRA14CF-3301Y	MF.RES IM	33 1/4W	
	R 829	QRA14CF-1802Y	M.F.RESISTOR	18 1/4W	
	R 830	QRA14CF-1802Y	M.F.RESISTOR	18 1/4W	
	R 831	QRA14CF-1802Y	M.F.RESISTOR	18 1/4W	
	R 832	QRA14CF-1802Y	M.F.RESISTOR	18 1/4W	
	R 833	QRA14CF-1802Y	M.F.RESISTOR	18 1/4W	
	R 834	QRA14CF-1802Y	M.F.RESISTOR	18 1/4W	
	R 835	QRE141J-362Y	C RESISTOR	3.6K 5% 1/4W	
	R 836	QRE141J-362Y	C RESISTOR	3.6K 5% 1/4W	
	R 837	QRE141J-273Y	C RESISTOR	27K 5% 1/4W	
	R 838	QRE141J-273Y	C RESISTOR	27K 5% 1/4W	
	R 839	QRE141J-273Y	C RESISTOR	27K 5% 1/4W	
	R 840	QRE141J-273Y	C RESISTOR	27K 5% 1/4W	
	R 841	QRE141J-100Y	C RESISTOR	10 5% 1/4W	
	R 842	QRE141J-100Y	C RESISTOR	10 5% 1/4W	
	R 845	QRE141J-332Y	C RESISTOR	3.3K 5% 1/4W	
	R 846	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R 847	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R 848	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R 849	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R 850	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R 851	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R 852	QRE141J-100Y	C RESISTOR	10 5% 1/4W	
	R 854	QRE141J-100Y	C RESISTOR	10 5% 1/4W	
	R 855	QRE141J-473Y	C RESISTOR	47K 5% 1/4W	
	R 856	QRE141J-473Y	C RESISTOR	47K 5% 1/4W	
	R 861	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R 862	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R 863	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R 864	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R 865	QRE141J-561Y	C RESISTOR	560 5% 1/4W	
	R 866	QRE141J-561Y	C RESISTOR	560 5% 1/4W	
	R 867	QRE141J-273Y	C RESISTOR	27K 5% 1/4W	
	R 868	QRE141J-273Y	C RESISTOR	27K 5% 1/4W	
	R 869	QRE141J-183Y	C RESISTOR	18K 5% 1/4W	
	R 870	QRE141J-183Y	C RESISTOR	18K 5% 1/4W	
	R 871	QRE141J-821Y	C RESISTOR	820 5% 1/4W	
	R 872	QRE141J-821Y	C RESISTOR	820 5% 1/4W	
	R 873	QRE141J-221Y	C RESISTOR	220 5% 1/4W	
	R 874	QRE141J-221Y	C RESISTOR	220 5% 1/4W	
	R 875	QRE141J-221Y	C RESISTOR	220 5% 1/4W	
	R 876	QRE141J-221Y	C RESISTOR	220 5% 1/4W	
	R 877	QRA14CF-5100Y	MF RES IM	51 1/4W	
	R 878	QRA14CF-5100Y	MF RES IM	51 1/4W	
	R 881	QRA14CF-6800Y	M.F.RESISTOR	68 1/4W	
	R 882	QRA14CF-6800Y	M.F.RESISTOR	68 1/4W	
	R 883	QRE141J-362Y	C RESISTOR	3.6K 5% 1/4W	
	R 884	QRE141J-362Y	C RESISTOR	3.6K 5% 1/4W	
	R 885	QRA14CF-3602Y	MF.RES IM	36 1/4W	
	R 886	QRA14CF-3602Y	MF.RES IM	36 1/4W	
	R 887	QRA14CF-1001Y	M.F.RESISTOR	10 1/4W	

■ **Electrical parts list (Audio & Video board : XV-D721BK)**

Block No. 03

⚠	Item	Parts number	Parts name	Remarks	Area
	R 888	QRA14CF-1001Y	M.F.RESISTOR	10 1/4W	
	R 889	QRE141J-272Y	C RESISTOR	2.7K 5% 1/4W	
	R 890	QRE141J-272Y	C RESISTOR	2.7K 5% 1/4W	
	R 891	QRA14CF-1802Y	M.F.RESISTOR	18 1/4W	
	R 892	QRA14CF-1802Y	M.F.RESISTOR	18 1/4W	
	R 893	QRA14CF-1802Y	M.F.RESISTOR	18 1/4W	
	R 894	QRA14CF-1802Y	M.F.RESISTOR	18 1/4W	
	R 895	QRE141J-303Y	C RESISTOR	30K 5% 1/4W	
	R 896	QRE141J-303Y	C RESISTOR	30K 5% 1/4W	
	R 897	QRE141J-303Y	C RESISTOR	30K 5% 1/4W	
	R 898	QRE141J-303Y	C RESISTOR	30K 5% 1/4W	
	R 899	QRE141J-100Y	C RESISTOR	10 5% 1/4W	
	R 900	QRE141J-100Y	C RESISTOR	10 5% 1/4W	
	R 903	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R 904	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R 905	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R 906	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R 907	QRE141J-332Y	C RESISTOR	3.3K 5% 1/4W	
	R 908	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R 909	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R 910	QRE141J-100Y	C RESISTOR	10 5% 1/4W	
	R 912	QRE141J-100Y	C RESISTOR	10 5% 1/4W	
	R 913	QRE141J-473Y	C RESISTOR	47K 5% 1/4W	
	R 921	QRE141J-473Y	C RESISTOR	47K 5% 1/4W	
	R 923	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R 924	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R 925	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R 926	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R 927	QRE141J-561Y	C RESISTOR	560 5% 1/4W	
	R 928	QRE141J-561Y	C RESISTOR	560 5% 1/4W	
	R 929	QRE141J-273Y	C RESISTOR	27K 5% 1/4W	
	R 930	QRE141J-273Y	C RESISTOR	27K 5% 1/4W	
	R 931	QRE141J-183Y	C RESISTOR	18K 5% 1/4W	
	R 932	QRE141J-183Y	C RESISTOR	18K 5% 1/4W	
	R 933	QRE141J-821Y	C RESISTOR	820 5% 1/4W	
	R 934	QRE141J-821Y	C RESISTOR	820 5% 1/4W	
	R 935	QRE141J-221Y	C RESISTOR	220 5% 1/4W	
	R 936	QRE141J-221Y	C RESISTOR	220 5% 1/4W	
	R 937	QRE141J-221Y	C RESISTOR	220 5% 1/4W	
	R 938	QRE141J-221Y	C RESISTOR	220 5% 1/4W	
	R 939	QRA14CF-5100Y	MF RES IM	51 1/4W	
	R 940	QRA14CF-5100Y	MF RES IM	51 1/4W	
	R 943	QRA14CF-6800Y	M.F.RESISTOR	68 1/4W	
	R 944	QRA14CF-6800Y	M.F.RESISTOR	68 1/4W	
	R 945	QRE141J-362Y	C RESISTOR	3.6K 5% 1/4W	
	R 946	QRE141J-362Y	C RESISTOR	3.6K 5% 1/4W	
	R 947	QRA14CF-3602Y	MF.RES IM	36 1/4W	
	R 948	QRA14CF-3602Y	MF.RES IM	36 1/4W	
	R 949	QRA14CF-1001Y	M.F.RESISTOR	10 1/4W	
	R 950	QRA14CF-1001Y	M.F.RESISTOR	10 1/4W	
	R 951	QRA14CF-1802Y	M.F.RESISTOR	18 1/4W	
	R 952	QRA14CF-1802Y	M.F.RESISTOR	18 1/4W	
	R 953	QRA14CF-1802Y	M.F.RESISTOR	18 1/4W	
	R 954	QRA14CF-1802Y	M.F.RESISTOR	18 1/4W	
	R 955	QRE141J-272Y	C RESISTOR	2.7K 5% 1/4W	
	R 956	QRE141J-272Y	C RESISTOR	2.7K 5% 1/4W	
	R 957	QRE141J-303Y	C RESISTOR	30K 5% 1/4W	
	R 958	QRE141J-303Y	C RESISTOR	30K 5% 1/4W	
	R 959	QRE141J-303Y	C RESISTOR	30K 5% 1/4W	
	R 960	QRE141J-303Y	C RESISTOR	30K 5% 1/4W	
	R 961	QRE141J-100Y	C RESISTOR	10 5% 1/4W	
	R 962	QRE141J-100Y	C RESISTOR	10 5% 1/4W	
	R 965	QRE141J-332Y	C RESISTOR	3.3K 5% 1/4W	
	R 966	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R 967	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R 968	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R 969	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R 970	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R 971	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R 972	QRE141J-100Y	C RESISTOR	10 5% 1/4W	
	R 974	QRE141J-100Y	C RESISTOR	10 5% 1/4W	
	R1001	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R1002	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R1011	QRE141J-270Y	C RESISTOR	27 5% 1/4W	
	R1012	QRJ146J-2R2X	UNF C.RES I/M	2.2 5% 1/4W	
	R1013	QRE141J-750Y	C RESISTOR	75 5% 1/4W	
	R1015	QRE141J-331Y	C RESISTOR	330 5% 1/4W	
	R1016	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R1805	QRE141J-362Y	C RESISTOR	3.6K 5% 1/4W	
	R1806	QRE141J-362Y	C RESISTOR	3.6K 5% 1/4W	
	R1825	QRE141J-272Y	C RESISTOR	2.7K 5% 1/4W	
	R1826	QRE141J-272Y	C RESISTOR	2.7K 5% 1/4W	
	R1845	QRE141J-272Y	C RESISTOR	2.7K 5% 1/4W	
	R1846	QRE141J-272Y	C RESISTOR	2.7K 5% 1/4W	
	R9335	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R9336	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	S 701	QSW0454-001	SW		1U,C,J
	S 751	QSW0454-001	SW	Y/C CV	*1
	S 752	QSW0454-001	SW	RGB Y/C	*1
	SP701	VYH7653-006	IC HOLDER		1U,C,J
	SP702	VYH7653-006	IC HOLDER		1U,C,J
	SP751	VYH7653-006	IC HOLDER		*1
	SP752	VYH7653-006	IC HOLDER		*1
	SP753	VYH7653-006	IC HOLDER		*1
	SP803	VYH7653-002	IC HOLDER		
	SP813	VYH7653-002	IC HOLDER		
	SP823	VYH7653-002	IC HOLDER		
	SP851	VYH7653-006	IC HOLDER		
	T 801	QQR0880-001	PULSE TRANS		
	WR751	QUB230-03A2A2	SIN TWIST WIRE		*1

***1:EE,EG,EN,ES**

■ **Electrical parts list (Main board : XV-D723GD)** **Block No. 01**

⚠	Item	Parts number	Parts name	Remarks	Area
	C 005	NCB21CK-104X	C.CAPA. C.M		
	C 006	NCB21CK-104X	C.CAPA. C.M		
	C 007	NCB21CK-104X	C.CAPA. C.M		
	C 008	NCB21CK-104X	C.CAPA. C.M		
	C 101	NCB31CK-104X	C CAPACITOR		
	C 102	NEA70JM-476X	E.CAPACITOR		
	C 103	NCB31CK-104X	C CAPACITOR		
	C 104	NCS31HJ-560X	C CAPACITOR		
	C 105	NCS31HJ-101X	C.CAPACITOR		
	C 106	NEA71CM-106X	E.CAPACITOR		
	C 107	NCB31CK-104X	C CAPACITOR		
	C 108	NCB31CK-104X	C CAPACITOR		
	C 109	NCB31CK-104X	C CAPACITOR		
	C 110	NCS31HJ-101X	C.CAPACITOR		
	C 111	NCB21CK-184X	C CAPACITOR		
	C 112	NCB31CK-104X	C CAPACITOR		
	C 113	NCB31CK-104X	C CAPACITOR		
	C 114	NCB31CK-104X	C CAPACITOR		
	C 115	NCB31HK-392X	C CAPACITOR		
	C 116	NCB31CK-104X	C CAPACITOR		
	C 117	NCB11CK-105X	C CAPACITOR		
	C 118	NEX40JM-336X	E CAPACITOR		
	C 119	NCB31CK-104X	C CAPACITOR		
	C 120	NCB31CK-104X	C CAPACITOR		
	C 121	NCB21CK-334X	C CAPACITOR		
	C 122	NCS31HJ-121X	C CAPACITOR		
	C 123	NCB31CK-104X	C CAPACITOR		
	C 124	NCB31CK-104X	C CAPACITOR		
	C 125	NCB31CK-104X	C CAPACITOR		
	C 126	NCS31HJ-221X	C CAPACITOR		
	C 127	NCS31HJ-221X	C CAPACITOR		
	C 128	NCB31CK-104X	C CAPACITOR		
	C 129	NCB21CK-224X	C CAPACITOR		
	C 130	NCB31HK-102X	C CAPACITOR		
	C 131	NCB31HK-681X	C CAPACITOR		
	C 132	NCB31CK-104X	C CAPACITOR		
	C 133	NEX40JM-566X	E CAPACITOR		
	C 134	NCB31CK-104X	C CAPACITOR		
	C 135	NCS31HJ-221X	C CAPACITOR		
	C 136	NCB31CK-104X	C CAPACITOR		
	C 137	NCB31CK-104X	C CAPACITOR		
	C 138	NCB31CK-104X	C CAPACITOR		
	C 139	NCB31CK-104X	C CAPACITOR		
	C 140	NCB31CK-104X	C CAPACITOR		
	C 141	NCS31HJ-820X	C CAPACITOR		
	C 142	NCB31HK-222X	C CAPACITOR		
	C 143	NCB21CK-224X	C CAPACITOR		
	C 144	NCB31CK-104X	C CAPACITOR		
	C 145	NCB11CK-105X	C CAPACITOR		
	C 151	NEX40JM-156X	E.CAPACITOR		
	C 152	NEX40JM-156X	E.CAPACITOR		
	C 153	NCB31CK-104X	C CAPACITOR		
	C 154	NCB31CK-104X	C CAPACITOR		
	C 191	NCB31CK-104X	C CAPACITOR		
	C 192	NEA70JM-107X	E.CAPACITOR		
	C 201	NCB31CK-104X	C CAPACITOR		
	C 202	NCB31CK-393X	C CAPACITOR		
	C 203	NCB31CK-393X	C CAPACITOR		
	C 204	NCB31CK-393X	C CAPACITOR		
	C 205	NCB31CK-393X	C CAPACITOR		
	C 206	NCB31CK-104X	C CAPACITOR		
	C 208	NCB31CK-104X	C CAPACITOR		
	C 209	NCB31CK-104X	C CAPACITOR		
	C 210	NCB31CK-104X	C CAPACITOR		

⚠	Item	Parts number	Parts name		Area
	C 211	NCB31CK-104X	C CAPACITOR		
	C 212	NCB31CK-104X	C CAPACITOR		
	C 213	NCB31CK-104X	C CAPACITOR		
	C 214	NCB31CK-104X	C CAPACITOR		
	C 215	NCB31HK-392X	C CAPACITOR		
	C 217	NCB31HK-821X	C CAPACITOR		
	C 218	NCB31HK-331X	C CAPACITOR		
	C 219	NCB31HK-471X	C CAPACITOR		
	C 220	NCB31CK-104X	C CAPACITOR		
	C 221	NCB31HK-271X	C CAPACITOR		
	C 222	NCB31HK-821X	C CAPACITOR		
	C 223	NCB31HK-821X	C CAPACITOR		
	C 224	NEA70JM-226X	E CAPACITOR		
	C 225	NCB11CK-105X	C CAPACITOR		
	C 226	NCB31CK-104X	C CAPACITOR		
	C 227	NCB31CK-104X	C CAPACITOR		
	C 228	NEA70JM-107X	E.CAPACITOR		
	C 229	NCB11CK-105X	C CAPACITOR		
	C 230	NCB31CK-104X	C CAPACITOR		
	C 231	NCB31CK-104X	C CAPACITOR		
	C 232	NCB31CK-104X	C CAPACITOR		
	C 233	NCS31HJ-330X	C CAPACITOR		
	C 234	NCB31HK-331X	C CAPACITOR		
	C 235	NCB31CK-104X	C CAPACITOR		
	C 236	NCB31CK-823X	C CAPACITOR		
	C 237	NCB31CK-823X	C CAPACITOR		
	C 241	NCB31CK-104X	C CAPACITOR		
	C 242	NEA70JM-107X	E.CAPACITOR		
	C 251	NCB31CK-104X	C CAPACITOR		
	C 252	NCB31CK-104X	C CAPACITOR		
	C 253	NCB31CK-104X	C CAPACITOR		
	C 254	NCB31CK-104X	C CAPACITOR		
	C 255	NEA70JM-226X	E CAPACITOR		
	C 256	NCB31CK-104X	C CAPACITOR		
	C 257	NCB31CK-104X	C CAPACITOR		
	C 258	NEA71CM-226X	E.CAPAP. C.M		
	C 259	NCB31CK-104X	C CAPACITOR		
	C 260	NCB31CK-104X	C CAPACITOR		
	C 261	NCB31CK-104X	C CAPACITOR		
	C 262	NCB31CK-104X	C CAPACITOR		
	C 263	NCB31CK-104X	C CAPACITOR		
	C 264	NCB31CK-104X	C CAPACITOR		
	C 271	NCB31CK-104X	C CAPACITOR		
	C 273	NCB31HK-102X	C CAPACITOR		
	C 275	NCB31HK-102X	C CAPACITOR		
	C 276	NCB31CK-104X	C CAPACITOR		
	C 281	NEA70JM-226X	E CAPACITOR		
	C 282	NCB31CK-104X	C CAPACITOR		
	C 284	NCB31HK-102X	C CAPACITOR		
	C 286	NCB31HK-102X	C CAPACITOR		
	C 287	NCB31CK-104X	C CAPACITOR		
	C 288	NEA71CM-226X	E.CAPAP. C.M		
	C 290	NCB31CK-104X	C CAPACITOR		
	C 291	NCB31CK-104X	C CAPACITOR		
	C 292	NEA71CM-476X	E CAPACITOR		
	C 301	NCB31CK-104X	C CAPACITOR		
	C 302	NCB31CK-104X	C CAPACITOR		
	C 303	NCB31CK-104X	C CAPACITOR		
	C 304	NCB31CK-104X	C CAPACITOR		
	C 305	NCB31CK-104X	C CAPACITOR		
	C 306	NCB31CK-104X	C CAPACITOR		
	C 307	NCB31CK-104X	C CAPACITOR		
	C 308	NCB31CK-103X	C CAPACITOR		
	C 309	NCB31CK-104X	C CAPACITOR		

■ **Electrical parts list (Main board : XV-D723GD)** **Block No. 01**

⚠	Item	Parts number	Parts name	Remarks	Area
	C 310	NCB31CK-104X	C CAPACITOR		
	C 311	NCB31CK-104X	C CAPACITOR		
	C 314	NCB31CK-104X	C CAPACITOR		
	C 315	NCB31CK-104X	C CAPACITOR		
	C 316	NEA70JM-107X	E.CAPACITOR		
	C 317	NCB11CK-105X	C CAPACITOR		
	C 318	NCB31CK-104X	C CAPACITOR		
	C 319	NCB31CK-104X	C CAPACITOR		
	C 320	NCB31CK-104X	C CAPACITOR		
	C 321	NCB31CK-104X	C CAPACITOR		
	C 322	NEA70JM-107X	E.CAPACITOR		
	C 323	NCB11CK-105X	C CAPACITOR		
	C 324	NCB31CK-104X	C CAPACITOR		
	C 325	NCB31CK-104X	C CAPACITOR		
	C 351	NEA70JM-107X	E.CAPACITOR		
	C 352	NCB31CK-104X	C CAPACITOR		
	C 353	NCB31CK-104X	C CAPACITOR		
	C 354	NCB31CK-104X	C CAPACITOR		
	C 355	NCB31CK-104X	C CAPACITOR		
	C 356	NCB31CK-104X	C CAPACITOR		
	C 357	NCB31CK-104X	C CAPACITOR		
	C 358	NCB31CK-104X	C CAPACITOR		
	C 359	NCB31CK-104X	C CAPACITOR		
	C 360	NCB31CK-104X	C CAPACITOR		
	C 361	NCB31CK-104X	C CAPACITOR		
	C 362	NCB31CK-104X	C CAPACITOR		
	C 363	NCB31CK-104X	C CAPACITOR		
	C 364	NCB31CK-104X	C CAPACITOR		
	C 365	NCB31CK-104X	C CAPACITOR		
	C 366	NCB31CK-104X	C CAPACITOR		
	C 367	NCB31CK-104X	C CAPACITOR		
	C 368	NCS31HJ-100X	C CAPACITOR		
	C 369	NCS31HJ-100X	C CAPACITOR		
	C 370	NCB31CK-104X	C CAPACITOR		
	C 381	NCB31CK-104X	C CAPACITOR		
	C 391	NCB31CK-104X	C CAPACITOR		
	C 392	NEA70JM-226X	E CAPACITOR		
	C 401	NCB31CK-104X	C CAPACITOR		
	C 402	NCB31CK-104X	C CAPACITOR		
	C 405	NCB31CK-104X	C CAPACITOR		
	C 406	NCB31CK-104X	C CAPACITOR		
	C 407	NCB31CK-104X	C CAPACITOR		
	C 408	NEA70JM-226X	E CAPACITOR		
	C 409	NCB31CK-104X	C CAPACITOR		
	C 411	NCB31CK-104X	C CAPACITOR		
	C 441	NCB31CK-104X	C CAPACITOR		
	C 442	NEX40JM-156X	E.CAPACITOR		
	C 501	NCB31CK-104X	C CAPACITOR		
	C 502	NCB31CK-104X	C CAPACITOR		
	C 503	NCB31CK-104X	C CAPACITOR		
	C 504	NCB31CK-104X	C CAPACITOR		
	C 505	NCB31CK-104X	C CAPACITOR		
	C 506	NCB31CK-104X	C CAPACITOR		
	C 507	NCB31CK-104X	C CAPACITOR		
	C 508	NCB31CK-104X	C CAPACITOR		
	C 509	NCB31CK-104X	C CAPACITOR		
	C 510	NCB31CK-104X	C CAPACITOR		
	C 511	NEA70JM-226X	E CAPACITOR		
	C 512	NCB31CK-104X	C CAPACITOR		
	C 513	NCB31CK-104X	C CAPACITOR		
	C 514	NCB31CK-104X	C CAPACITOR		
	C 515	NCB31CK-104X	C CAPACITOR		
	C 516	NCB31CK-104X	C CAPACITOR		
	C 517	NCB31CK-104X	C CAPACITOR		

⚠	Item	Parts number	Parts name		Area
	C 518	NCB31CK-104X	C CAPACITOR		
	C 519	NCB31CK-104X	C CAPACITOR		
	C 520	NCB31CK-104X	C CAPACITOR		
	C 521	NEA70JM-226X	E CAPACITOR		
	C 522	NCB31CK-104X	C CAPACITOR		
	C 523	NCB31CK-104X	C CAPACITOR		
	C 524	NEA70JM-226X	E CAPACITOR		
	C 525	NCB31CK-104X	C CAPACITOR		
	C 526	NCB31CK-104X	C CAPACITOR		
	C 527	NEA70JM-107X	E.CAPACITOR		
	C 528	NCB31CK-104X	C CAPACITOR		
	C 529	NCB31CK-104X	C CAPACITOR		
	C 530	NCB31CK-104X	C CAPACITOR		
	C 531	NCB31CK-104X	C CAPACITOR		
	C 532	NCB31CK-104X	C CAPACITOR		
	C 533	NCB31CK-104X	C CAPACITOR		
	C 534	NCB31CK-104X	C CAPACITOR		
	C 535	NCB31CK-104X	C CAPACITOR		
	C 536	NCB31CK-104X	C CAPACITOR		
	C 537	NEA70JM-226X	E CAPACITOR		
	C 538	NCB31CK-104X	C CAPACITOR		
	C 539	NCB31CK-104X	C CAPACITOR		
	C 540	NCB31CK-104X	C CAPACITOR		
	C 541	NCB31CK-104X	C CAPACITOR		
	C 542	NCB31CK-104X	C CAPACITOR		
	C 543	NCB31CK-104X	C CAPACITOR		
	C 544	NCB31CK-104X	C CAPACITOR		
	C 545	NCB31CK-104X	C CAPACITOR		
	C 547	NCB31CK-104X	C CAPACITOR		
	C 548	NCB31CK-104X	C CAPACITOR		
	C 549	NEA70JM-107X	E.CAPACITOR		
	C 550	NCB31CK-104X	C CAPACITOR		
	C 551	NEA70JM-476X	E.CAPACITOR		
	C 554	NCB31CK-104X	C CAPACITOR		
	C 555	NCB31CK-104X	C CAPACITOR		
	C 556	NEA70JM-226X	E CAPACITOR		
	C 557	NCB31CK-104X	C CAPACITOR		
	C 558	NEA70JM-226X	E CAPACITOR		
	C 568	NEA70JM-226X	E CAPACITOR		
	C 569	NCB31CK-104X	C CAPACITOR		
	C 571	NEA70JM-226X	E CAPACITOR		
	C 572	NCB31CK-104X	C CAPACITOR		
	C 573	NEA70JM-107X	E.CAPACITOR		
	C 574	NCB31CK-104X	C CAPACITOR		
	C 575	NCB31CK-104X	C CAPACITOR		
	C 578	NCB31CK-104X	C CAPACITOR		
	C 579	NCB31HK-221X	C CAPACITOR		
	C 580	NEA70JM-226X	E CAPACITOR		
	C 581	NEA70JM-226X	E CAPACITOR		
	C 582	NEA70JM-226X	E CAPACITOR		
	C 584	NCB31HK-221X	C CAPACITOR		
	C 601	NEA70JM-226X	E CAPACITOR		
	C 602	NEA70JM-226X	E CAPACITOR		
	C 619	NCB31CK-104X	C CAPACITOR		
	C 620	NCB31CK-104X	C CAPACITOR		
	C 621	NCB31CK-104X	C CAPACITOR		
	C 622	NCB31CK-104X	C CAPACITOR		
	C 623	NCB31HK-221X	C CAPACITOR		
	C 624	NCB31HK-221X	C CAPACITOR		
	C 626	NCB31CK-104X	C CAPACITOR		
	C 627	NEA70JM-226X	E CAPACITOR		
	C 630	NCB31CK-104X	C CAPACITOR		
	C 634	NCB31CK-104X	C CAPACITOR		
	C 635	NCB31HK-221X	C CAPACITOR		

■ **Electrical parts list (Main board : XV-D723GD)** **Block No. 01**

⚠	Item	Parts number	Parts name	Remarks	Area
	C 992	NCB31CK-104X	C CAPACITOR		
	C 993	NCB31CK-104X	C CAPACITOR		
	C 994	NCB31CK-104X	C CAPACITOR		
	C 995	NCB31CK-104X	C CAPACITOR		
	C 996	NCB31CK-104X	C CAPACITOR		
	C 997	NCB31CK-104X	C CAPACITOR		
	C 998	NCB31CK-104X	C CAPACITOR		
	C 999	NEA70JM-226X	E CAPACITOR		
	CN101	QGF1016C2-21W	CONNECTOR	MECHA	
	CN102	QGF1016F2-17W	CONNECTOR	MECHA	
	CN103	QGF1016F2-07W	CONNECTOR C.M	LOADING	
	CN104	QGA2001F2-06X	CONNECTOR C.M	POWER	
	CN105	QGF1016C2-05W	CONNECTOR		
	CN502	QGF1016F2-23W	CONNECTOR	AUDIO	
	CN503	QGF1016F2-09W	CONNECTOR C.M	FRONT	
	CN504	QGF1016F2-11W	CONNECTOR C.M	VIDEO	
	D 201	1SS355-X	DIODE		
	D 202	1SS355-X	DIODE		
	D 203	1SS355-X	DIODE		
	D 272	DAP202K-X	D.TR. C.M		
	D 402	1SS355-X	DIODE		
	D 403	1SS355-X	DIODE		
	D 503	1SS355-X	DIODE		
	D 504	1SS355-X	DIODE		
	IC101	AN8706FHQ	IC		
	IC102	RN5RZ20BA-X	IC		
	IC201	MN67705EA	IC		
	IC251	AN8485SB-W	IC		
	IC271	BA5983FM-X	IC		
	IC301	MN103007BGA	IC		
	IC351	JCV8005-2	IC		
	IC381	TC74HCT32AF-X	IC(DIGITAL)		
	IC401	MN102L25GGB	IC	MASK	
	IC402	AK93C65AF-X	IC		
	IC501	NDV8501VWA	IC	JAGUAR	
	IC502	NAX0265-001X	IC	27MHZ	
	IC504	K4S161622D-TC80	IC		4U
	IC504	HY57V161610DTC8	IC		*1,A,J,UF
	IC505	K4S161622D-TC80	IC		4U
	IC505	HY57V161610DTC8	IC		*1,A,J,UF
	IC508	SST39VF160-02H	IC		
	IC509	SST39VF160-02L	IC		
	IC510	AK93C65AF-X	IC		
	IC511	LP3962ES-2.5-W	IC		
	IC512	TC74LCX373FT-X	IC(DIGITAL)		
	IC513	TC74LCX373FT-X	IC(DIGITAL)		
	IC516	TC74VHC595FT-X	IC(MONOLITHIC)		
	IC517	TC74VHCT14AFT-X	DIGITAL)		
	IC518	TC7W04FU-X	IC(DIGITAL)		
	IC519	TC74HCT32AF-X	IC(DIGITAL)		
	K 101	NQR0007-002X	FERRITE BEADS		
	K 102	NQR0007-002X	FERRITE BEADS		
	K 103	NQR0007-002X	FERRITE BEADS		
	K 151	NQR0007-002X	FERRITE BEADS		
	K 152	NQR0007-002X	FERRITE BEADS		
	K 153	NQR0007-002X	FERRITE BEADS		
	K 154	NQR0007-002X	FERRITE BEADS		
	K 155	NQR0007-002X	FERRITE BEADS		
	K 156	NQR0007-002X	FERRITE BEADS		
	K 157	NQR0007-002X	FERRITE BEADS		
	K 158	NQR0007-002X	FERRITE BEADS		
	K 159	NQR0007-002X	FERRITE BEADS		
	K 160	NQR0007-002X	FERRITE BEADS		
	K 201	NQR0007-002X	FERRITE BEADS		

⚠	Item	Parts number	Parts name	Remarks	Area
	K 202	NQR0007-002X	FERRITE BEADS		
	K 251	NQR0007-002X	FERRITE BEADS		
	K 271	NQR0007-002X	FERRITE BEADS		
	K 301	NQR0007-002X	FERRITE BEADS		
	K 302	NQR0007-002X	FERRITE BEADS		
	K 351	NQR0007-002X	FERRITE BEADS		
	K 371	NQR0007-002X	FERRITE BEADS		
	K 381	NQR0007-002X	FERRITE BEADS		
	K 401	NQR0007-002X	FERRITE BEADS		
	K 402	NQR0007-002X	FERRITE BEADS		
	K 501	NQR0007-002X	FERRITE BEADS		
	K 502	NQR0007-002X	FERRITE BEADS		
	K 503	NRSA02J-0R0X	MG RESISTOR		
	K 504	NQR0007-002X	FERRITE BEADS		
	K 505	NQR0007-002X	FERRITE BEADS		
	K 506	NQR0007-002X	FERRITE BEADS		
	K 507	NQR0007-002X	FERRITE BEADS		
	K 508	NQR0007-002X	FERRITE BEADS		
	K 509	NQR0007-002X	FERRITE BEADS		
	K 510	NQR0007-002X	FERRITE BEADS		
	K 512	NQR0007-002X	FERRITE BEADS		
	K 513	NQR0007-002X	FERRITE BEADS		
	K 516	NQR0007-002X	FERRITE BEADS		
	K 518	NQR0007-002X	FERRITE BEADS		
	K 519	NQR0007-002X	FERRITE BEADS		
	K 521	NQR0007-002X	FERRITE BEADS		
	K 523	NQR0007-002X	FERRITE BEADS		
	K 556	NQR0007-002X	FERRITE BEADS		
	K 557	NQR0007-002X	FERRITE BEADS		
	K 558	NQR0007-002X	FERRITE BEADS		
	K 559	NQR0007-002X	FERRITE BEADS		
	K 561	NQR0007-002X	FERRITE BEADS		
	K 562	NQR0007-002X	FERRITE BEADS		
	K 563	NQR0007-002X	FERRITE BEADS		
	K 564	NQR0007-002X	FERRITE BEADS		
	K 565	NQR0007-002X	FERRITE BEADS		
	K 566	NQR0007-002X	FERRITE BEADS		
	K 567	NQR0007-002X	FERRITE BEADS		
	K 568	NQR0007-002X	FERRITE BEADS		
	K 569	NQR0007-002X	FERRITE BEADS		
	K 570	NQR0007-002X	FERRITE BEADS		
	K 571	NQR0007-002X	FERRITE BEADS		
	K 572	NQR0007-002X	FERRITE BEADS		
	K 573	NQR0007-002X	FERRITE BEADS		
	K 574	NQR0007-002X	FERRITE BEADS		
	K 575	NQR0007-002X	FERRITE BEADS		
	K 576	NQR0007-002X	FERRITE BEADS		
	K 577	NQR0007-002X	FERRITE BEADS		
	K 578	NQR0007-002X	FERRITE BEADS		
	K 579	NQR0007-002X	FERRITE BEADS		
	K 581	NQR0007-002X	FERRITE BEADS		
	K 582	NQR0007-002X	FERRITE BEADS		
	K 583	NQR0007-002X	FERRITE BEADS		
	K 586	NQR0007-002X	FERRITE BEADS		
	K 588	NQR0007-002X	FERRITE BEADS		
	K 593	NQR0007-002X	FERRITE BEADS		
	K 594	NQR0007-002X	FERRITE BEADS		
	L 191	NQL044K-100X	INDUCTOR		
	L 241	NQL044K-100X	INDUCTOR		
	Q 101	2SB1424/QR/-X	TRANSISTOR		
	Q 102	DTC124EE-X	DIGI TRANSISTOR		
	Q 103	DTA124EE-X	DIGI TRANSISTOR		
	Q 104	DTC124EE-X	DIGI TRANSISTOR		
	Q 105	DTC144EE-X			

***1:EG,EN,ES**

■ **Electrical parts list (Main board : XV-D723GD)** **Block No. 01**

⚠	Item	Parts number	Parts name	Remarks	Area
	Q 251	DTC144EE-X	TRANSISTOR		
	Q 252	DTC144EE-X	TRANSISTOR		
	Q 253	DTC144EE-X	TRANSISTOR		
	Q 254	DTC144EE-X	TRANSISTOR		
	Q 255	DTC144EE-X	TRANSISTOR		
	R 101	NRS125J-270X	MG RESISTOR		
	R 102	NRS125J-2R2X	MG RESISTOR		
	R 103	NRSA63J-123X	MG RESISTOR		
	R 104	NRSA63J-103X	MG RESISTOR		
	R 106	NRSA63J-223X	MG RESISTOR		
	R 108	NRSA63J-103X	MG RESISTOR		
	R 109	NRSA63J-823X	MG RESISTOR		
	R 110	NRSA63J-393X	MG RESISTOR		
	R 112	NRVA63D-123X	MG RESISTOR		
	R 113	NRSA63J-393X	MG RESISTOR		
	R 114	NRSA63J-272X	MG RESISTOR		
	R 115	NRSA63J-223X	MG RESISTOR		
	R 116	NRSA63J-103X	MG RESISTOR		
	R 117	NRSA63J-223X	MG RESISTOR		
	R 118	NRSA63J-153X	MG RESISTOR		
	R 119	NRSA63J-155X	MG RESISTOR		
	R 120	NRVA63D-332X	MF RESISTOR		
	R 121	NRSA63J-474X	MG RESISTOR		
	R 122	NRSA63J-474X	MG RESISTOR		
	R 123	NRSA63J-822X	MG RESISTOR		
	R 124	NRSA63J-183X	MG RESISTOR		
	R 125	NRSA63J-154X	MG RESISTOR		
	R 126	NRSA63J-564X	MG RESISTOR		
	R 127	NRSA63J-123X	MG RESISTOR		
	R 128	NRSA63J-223X	MG RESISTOR		
	R 129	NRSA63J-103X	MG RESISTOR		
	R 130	NRSA63J-822X	MG RESISTOR		
	R 131	NRSA63J-0R0X	MG RESISTOR		
	R 201	NRSA63J-102X	MG RESISTOR		
	R 202	NRSA63J-102X	MG RESISTOR		
	R 203	NRSA63J-102X	MG RESISTOR		
	R 204	NRSA63J-102X	MG RESISTOR		
	R 205	NRSA63J-473X	MG RESISTOR		
	R 206	NRSA63J-102X	MG RESISTOR		
	R 207	NRSA63J-473X	MG RESISTOR		
	R 208	NRSA63J-102X	MG RESISTOR		
	R 209	NRSA63J-473X	MG RESISTOR		
	R 210	NRSA63J-473X	MG RESISTOR		
	R 211	NRSA63J-102X	MG RESISTOR		
	R 212	NRSA63J-102X	MG RESISTOR		
	R 213	NRSA63J-183X	MG RESISTOR		
	R 214	NRSA63J-822X	MG RESISTOR		
	R 215	NRSA63J-473X	MG RESISTOR		
	R 216	NRSA63J-473X	MG RESISTOR		
	R 217	NRSA63J-0R0X	MG RESISTOR		
	R 218	NRSA63J-0R0X	MG RESISTOR		
	R 219	NRSA63J-0R0X	MG RESISTOR		
	R 220	NRSA63J-472X	MG RESISTOR		
	R 221	NRSA63J-0R0X	MG RESISTOR		
	R 222	NRSA63J-0R0X	MG RESISTOR		
	R 223	NRSA63J-0R0X	MG RESISTOR		
	R 224	NRSA63J-0R0X	MG RESISTOR		
	R 225	NRSA63J-0R0X	MG RESISTOR		
	R 226	NRSA63J-0R0X	MG RESISTOR		
	R 227	NRSA63J-0R0X	MG RESISTOR		
	R 228	NRSA63J-103X	MG RESISTOR		
	R 229	NRSA63J-0R0X	MG RESISTOR		
	R 230	NRSA63J-103X	MG RESISTOR		
	R 231	NRVA63D-683X	MF RESISTOR		

⚠	Item	Parts number	Parts name	Remarks	Area
	R 232	NRVA63D-683X	MF RESISTOR		
	R 233	NRSA63J-103X	MG RESISTOR		
	R 234	NRSA63J-103X	MG RESISTOR		
	R 235	NRSA63J-473X	MG RESISTOR		
	R 236	NRSA63J-123X	MG RESISTOR		
	R 237	NRSA63J-0R0X	MG RESISTOR		
	R 238	NRSA63J-223X	MG RESISTOR		
	R 239	NRSA63J-333X	MG RESISTOR		
	R 240	NRSA63J-333X	MG RESISTOR		
	R 241	NRVA63D-362X	MG RESISTOR		
	R 242	NRSA63J-102X	MG RESISTOR		
	R 243	NRSA63J-472X	MG RESISTOR		
	R 244	NRSA63J-102X	MG RESISTOR		
	R 245	NRVA63D-103X	MF RESISTER		
	R 246	NRVA63D-183X	MG RESISTOR		
	R 247	NRVA63D-103X	MF RESISTER		
	R 248	NRVA63D-183X	MG RESISTOR		
	R 249	NRSA63J-102X	MG RESISTOR		
	R 251	NRSA63J-271X	MG RESISTOR		
	R 252	NRSA63J-271X	MG RESISTOR		
	R 253	NRSA63J-0R0X	MG RESISTOR		
	R 254	NRSA63J-0R0X	MG RESISTOR		
	R 255	NRSA63J-103X	MG RESISTOR		
	R 256	NRSA63J-103X	MG RESISTOR		
	R 257	NRSA63J-103X	MG RESISTOR		
	R 258	NRSA63J-103X	MG RESISTOR		
	R 259	NRSA63J-103X	MG RESISTOR		
	R 260	NRSA63J-562X	MG RESISTOR		
	R 261	NRSA63J-563X	MG RESISTOR		
	R 262	NRS125J-R47X	MG RESISTOR		
	R 263	NRSA63J-103X	MG RESISTOR		
	R 264	NRSA63J-103X	MG RESISTOR		
	R 267	NRSA63J-103X	MG RESISTOR		
	R 268	NRS181J-2R2X	MG RESISTOR		
	R 271	NRSA63J-243X	MG RESISTOR		
	R 272	NRSA63J-103X	MG RESISTOR		
	R 273	NRSA63J-103X	MG RESISTOR		
	R 274	NRSA63J-0R0X	MG RESISTOR		
	R 275	NRSA63J-243X	MG RESISTOR		
	R 276	NRSA63J-103X	MG RESISTOR		
	R 277	NRSA63J-103X	MG RESISTOR		
	R 278	NRSA63J-0R0X	MG RESISTOR		
	R 279	NRSA63J-473X	MG RESISTOR		
	R 280	NRSA63J-0R0X	MG RESISTOR		
	R 282	NRSA63J-273X	MG RESISTOR		
	R 283	NRSA63J-103X	MG RESISTOR		
	R 284	NRSA63J-103X	MG RESISTOR		
	R 285	NRSA63J-0R0X	MG RESISTOR		
	R 286	NRSA63J-273X	MG RESISTOR		
	R 287	NRSA63J-103X	MG RESISTOR		
	R 288	NRSA63J-103X	MG RESISTOR		
	R 289	NRSA63J-0R0X	MG RESISTOR		
	R 291	NRSA63J-102X	MG RESISTOR		
	R 301	NRSA63J-473X	MG RESISTOR		
	R 302	NRSA63J-473X	MG RESISTOR		
	R 303	NRSA63J-473X	MG RESISTOR		
	R 304	NRSA63J-473X	MG RESISTOR		
	R 305	NRSA63J-473X	MG RESISTOR		
	R 306	NRSA63J-473X	MG RESISTOR		
	R 307	NRSA63J-473X	MG RESISTOR		
	R 308	NRSA63J-473X	MG RESISTOR		
	R 310	NRSA63J-102X	MG RESISTOR		
	R 311	NRSA63J-102X	MG RESISTOR		
	R 312	NRSA63J-102X	MG RESISTOR		

■ **Electrical parts list (Main board : XV-D723GD)** **Block No. 01**

⚠	Item	Parts number	Parts name	Remarks	Area
	R 313	NRSA63J-0R0X	MG RESISTOR		
	R 314	NRSA63J-0R0X	MG RESISTOR		
	R 317	NRSA63J-473X	MG RESISTOR		
	R 318	NRSA63J-0R0X	MG RESISTOR		
	R 319	NRSA63J-0R0X	MG RESISTOR		
	R 322	NRSA63J-473X	MG RESISTOR		
	R 324	NRSA63J-473X	MG RESISTOR		
	R 328	NRSA63J-473X	MG RESISTOR		
	R 351	NRSA63J-105X	MG RESISTOR		
	R 352	NRSA63J-102X	MG RESISTOR		
	R 353	NRSA63J-472X	MG RESISTOR		
	R 354	NRSA63J-0R0X	MG RESISTOR		
	R 355	NRSA63J-0R0X	MG RESISTOR		
	R 356	NRSA63J-0R0X	MG RESISTOR		
	R 361	NRSA63J-102X	MG RESISTOR		
	R 362	NRSA63J-102X	MG RESISTOR		
	R 363	NRSA63J-102X	MG RESISTOR		
	R 364	NRSA63J-102X	MG RESISTOR		
	R 365	NRSA63J-102X	MG RESISTOR		
	R 366	NRSA63J-102X	MG RESISTOR		
	R 367	NRSA63J-102X	MG RESISTOR		
	R 368	NRSA63J-102X	MG RESISTOR		
	R 391	NRSA63J-152X	MG RESISTOR		
	R 392	NRSA63J-152X	MG RESISTOR		
	R 393	NRSA63J-152X	MG RESISTOR		
	R 394	NRSA63J-152X	MG RESISTOR		
	R 395	NRSA63J-152X	MG RESISTOR		
	R 396	NRSA63J-152X	MG RESISTOR		
	R 397	NRSA63J-152X	MG RESISTOR		
	R 398	NRSA63J-152X	MG RESISTOR		
	R 401	NRSA63J-102X	MG RESISTOR		
	R 402	NRSA63J-102X	MG RESISTOR		
	R 403	NRSA63J-472X	MG RESISTOR		
	R 405	NRSA63J-472X	MG RESISTOR		
	R 407	NRSA63J-105X	MG RESISTOR		
	R 408	NRSA63J-472X	MG RESISTOR		
	R 411	NRSA63J-472X	MG RESISTOR		
	R 412	NRSA63J-472X	MG RESISTOR		
	R 413	NRSA63J-472X	MG RESISTOR		
	R 414	NRSA63J-472X	MG RESISTOR		
	R 415	NRSA63J-472X	MG RESISTOR		
	R 416	NRSA63J-472X	MG RESISTOR		
	R 418	NRSA63J-472X	MG RESISTOR		
	R 429	NRSA63J-102X	MG RESISTOR		
	R 430	NRSA63J-102X	MG RESISTOR		
	R 431	NRSA63J-102X	MG RESISTOR		
	R 432	NRSA63J-102X	MG RESISTOR		
	R 500	NRSA63J-0R0X	MG RESISTOR		
	R 501	NRSA63J-221X	MG RESISTOR		
	R 503	NRSA63J-330X	MG RESISTOR		
	R 504	NRSA63J-330X	MG RESISTOR		
	R 509	NRSA63J-330X	MG RESISTOR		
	R 510	NRSA63J-330X	MG RESISTOR		
	R 513	NRSA63J-152X	MG RESISTOR		
	R 514	NRSA63J-152X	MG RESISTOR		
	R 515	NRSA63J-152X	MG RESISTOR		
	R 541	NRSA63J-0R0X	MG RESISTOR		
	R 542	NRSA63J-0R0X	MG RESISTOR		
	R 543	NRSA63J-0R0X	MG RESISTOR		
	R 544	NRSA63J-0R0X	MG RESISTOR		
	R 545	NRSA63J-0R0X	MG RESISTOR		
	R 546	NRSA63J-0R0X	MG RESISTOR		
	R 547	NRSA63J-0R0X	MG RESISTOR		
	R 548	NRSA63J-0R0X	MG RESISTOR		

⚠	Item	Parts number	Parts name	Remarks	Area
	R 549	NRSA63J-0R0X	MG RESISTOR		
	R 550	NRSA63J-0R0X	MG RESISTOR		
	R 551	NRSA63J-0R0X	MG RESISTOR		
	R 552	NRSA63J-0R0X	MG RESISTOR		
	R 553	NRSA63J-0R0X	MG RESISTOR		
	R 562	NRSA63J-223X	MG RESISTOR		
	R 565	NRVA63D-472X	CMF RESISTOR		
	R 566	NRVA63D-132X	MG.RESI C.M		
	R 567	NRVA63D-820X	RES. C.M		4U,A,J,UF
	R 567	NRVA63D-750X	MF RESISTOR		*1
	R 568	NRVA63D-750X	MF RESISTOR		
	R 569	NRVA63D-750X	MF RESISTOR		
	R 570	NRSA63J-100X	MG RESISTOR		
	R 572	NRVA63D-750X	MF RESISTOR		4U,A,J,UF
	R 572	NRVA63D-820X	RES. C.M		*1
	R 573	NRSA63J-162X	MG RESISTOR		
	R 574	NRSA63J-162X	MG RESISTOR		
	R 575	NRSA63J-101X	MG RESISTOR		
	R 576	NRSA63J-750X	MG RESISTOR		
	R 578	NRSA63J-151X	MG RESISTOR		
	R 579	NRSA63J-151X	MG RESISTOR		
	R 580	NRSA63J-151X	MG RESISTOR		
	R 581	NRSA63J-151X	MG RESISTOR		
	R 583	NRSA63J-101X	MG RESISTOR		
	R 596	NRSA63J-750X	MG RESISTOR		
	R 597	NRSA63J-103X	MG RESISTOR		
	R 628	NRSA63J-152X	MG RESISTOR		
	R 629	NRSA63J-152X	MG RESISTOR		
	R 632	NRSA63J-152X	MG RESISTOR		
	R 633	NRSA63J-152X	MG RESISTOR		
	R 634	NRSA63J-152X	MG RESISTOR		
	R 635	NRSA63J-152X	MG RESISTOR		
	R 638	NRSA63J-152X	MG RESISTOR		
	R 639	NRSA63J-152X	MG RESISTOR		
	R 649	NRSA63J-330X	MG RESISTOR		
	R 650	NRSA63J-330X	MG RESISTOR		
	R 651	NRSA63J-330X	MG RESISTOR		
	R 652	NRSA63J-330X	MG RESISTOR		
	R 655	NRSA63J-0R0X	MG RESISTOR		
	R 656	NRSA63J-0R0X	MG RESISTOR		
	R 657	NRSA63J-0R0X	MG RESISTOR		
	R 658	NRSA63J-0R0X	MG RESISTOR		
	R 659	NRSA63J-0R0X	MG RESISTOR		
	R 660	NRSA63J-0R0X	MG RESISTOR		
	R 661	NRSA63J-0R0X	MG RESISTOR		
	R 662	NRSA63J-0R0X	MG RESISTOR		
	R 663	NRSA63J-0R0X	MG RESISTOR		
	R 664	NRSA63J-0R0X	MG RESISTOR		
	R 665	NRSA63J-0R0X	MG RESISTOR		
	X 351	NAX0277-002X	CRYSTAL	33.8688MHZ	
	X 401	NAX0331-001X	C RESONATOR		

***1:EG,EN,ES**

■ **Electrical parts list (Front & Power Supply board : XV-D723GD)** **Block No. 02**

⚠	Item	Parts number	Parts name	Remarks	Area
	C1200	QDVB1EZ-223Y	C CAPACITOR		
	C1201	QER61AM-476Z	E CAPACITOR	47MF 20% 10V	
	C1202	QCFB1HZ-104Y	C CAPACITOR	.10MF +80:-20%	
	C1203	QCFB1HZ-104Y	C CAPACITOR	.10MF +80:-20%	
	C1204	QER61AM-476Z	E CAPACITOR	47MF 20% 10V	
	C1205	QCFB1HZ-104Y	C CAPACITOR	.10MF +80:-20%	
	C1206	QER61HM-475Z	E CAPACITOR	4.7MF 20% 50V	
	C1207	QER61HM-475Z	E CAPACITOR	4.7MF 20% 50V	
	C1301	QFZ9067-683	C CAPACITOR	.068MF	
	C1302	QCZ9079-222	C CAPACITOR	2200PF	*1,4U,A,UF
	C1302	QCZ9079-102	C CAPACITOR	1000PF	J
	C1303	QCZ9079-222	C CAPACITOR	2200PF	*1,4U,A,UF
	C1303	QCZ9079-102	C CAPACITOR	1000PF	J
	C1304	QEZ0445-127	E.CAPACITOR	U	4U,A,UF
	C1304	QEZ0374-826	E.CAPACITOR	E	*1
	C1304	QETM2DM-157	E CAPACITOR	J,C,DOM	J
	C1305	QCZ0136-332Z	C CAPACITOR	3300PF	
	C1306	QCZ0136-221Z	C CAPACITOR	220PF	
	C1307	QCBB1HK-471Y	C CAPACITOR	470PF 10% 50V	
	C1308	QCZ0136-101Z	C CAPACITOR	100PF	
	C1309	QEMU1EM-396Z	E CAPACITOR	39MF 20% 25V	
	C1310	QCBB1HK-221Y	C CAPACITOR	220PF 10% 50V	
	C1311	QCFB1HZ-104Y	C CAPACITOR	.10MF +80:-20%	
	C1313	QTE1C27-108	E CAPACITOR		
	C1314	QTE1C27-108	E CAPACITOR		
	C1315	QTE1C28-107Z	E CAPACITOR		
	C1316	QTE1C28-107Z	E CAPACITOR		
	C1317	QTE1C28-227Z	E CAPACITOR		
	C1318	QTE1C28-227Z	E CAPACITOR		
	C1319	QEMS1EM-567	E CAPACITOR	560MF 20% 25V	
	C1320	QEMS1EM-567	E CAPACITOR	560MF 20% 25V	
	C1321	QETC1CM-227Z	E CAPACITOR	220MF 20% 16V	
	C1322	QEMS1CM-827	E CAPACITOR	820MF 20% 16V	
	C1323	QEMU1VM-396Z	E.CAPACITOR	39MF 20% 35V	
	C1324	QETC1HM-226Z	E CAPACITOR	22MF 20% 50V	
	C1325	QEMU1AM-107Z	E.CAPACITOR	100MF 20% 10V	
	C1326	QCFB1HZ-104Y	C CAPACITOR	.10MF +80:-20%	
	C1327	QCFB1HZ-104Y	C CAPACITOR	.10MF +80:-20%	
	C1328	QCFB1HZ-104Y	C CAPACITOR	.10MF +80:-20%	
	C1329	QCS11HJ-101	C CAPACITOR	100PF 5% 50V	
	C1330	QETN1HM-474Z	E CAPACITOR	.47MF 20% 50V	
	C1331	QETC1CM-226Z	E CAPACITOR	22MF 20% 16V	
	C1332	QETC1AM-477Z	E CAPACITOR	470MF 20% 10V	
	C1333	QETC1AM-477Z	E CAPACITOR	470MF 20% 10V	
	C1334	QEMS1AM-108	E CAPACITOR	1000MF 20% 10V	
	C1335	QETC1AM-477Z	E CAPACITOR	470MF 20% 10V	
	C1336	QETC1AM-477Z	E CAPACITOR	470MF 20% 10V	
	C1337	QEMS1AM-108	E CAPACITOR	1000MF 20% 10V	
	C1339	QETC1CM-226Z	E CAPACITOR	22MF 20% 16V	
	C1340	QETC1CM-227Z	E CAPACITOR	220MF 20% 16V	
	C1345	QFZ9067-683	C CAPACITOR	.068MF	
	C1350	QCZ0205-155Z	ML C CAPACITOR	1.5MF	
	CN711	QGD2501C1-03Z	SOCKET	TO VIDEO	
	CN815	QGD2501C1-04Z	SOCKET	TO AUDIO	
	CN816	QGF1016C1-09	FFC/FPC CONNE		
	CN817	QGA2001C1-06	6P PLUG ASSY		
	CN818	QGF1205C1-15	CONNECTOR	TO FRONT	
	CN901	QGF1205F1-15	CONNECTOR		
	CN903	QGB2003L1-04	CONNECTOR		
	CN913	QGB2003M2-04	CONNECTOR		
	CP901	ICP-N10-T	ICP		
	D1201	1SS119-02-T2	SI DIODE		
	D1202	1SS119-02-T2	SI DIODE		
	D1203	1SS119-02-T2	SI DIODE		

⚠	Item	Parts number	Parts name	Remarks	Area
	D1204	1SS119-02-T2	SI DIODE		
	D1210	SLR-342DC-T	LED I.M	DISPLAY OFF	
	D1211	SELU2E10C	LED	DVD AUDIO	
	D1212	SLR-342MC-T	LED	44.1KHZ	4U,A,J,UF
	D1213	SLR-342DC-T	LED I.M	48KHZ	
	D1214	SLR-342DC-T	LED I.M	96KHZ	
	D1215	SLR-342DC-T	LED I.M	192KHZ	
	D1216	SLR-342VC-T	LED	STANDBY	
	D1301	S1WB/A/60-4101	BRIDGE DIODE		
	D1303	ERA18-04-T1	FR DIODE		
	D1304	ERA18-04-T1	FR DIODE		
	D1305	ERA18-04-T1	FR DIODE		
	D1306	ERA18-04-T1	FR DIODE		
	D1307	ERA18-04-T1	FR DIODE		
	D1311	1SS133-T2	SI DIODE		
	D1312	1SS133-T2	SI DIODE		
	D1313	1SS133-T2	SI DIODE		
	D1314	1SS133-T2	SI DIODE		
	D1315	1SS133-T2	SI DIODE		
	D1316	MTZJ12C-T2	ZENER DIODE		
	D1317	MTZJ12C-T2	ZENER DIODE		
	D1318	ERA18-04-T1	FR DIODE		
	D1319	ERA18-04-T1	FR DIODE		
	D1320	ERA18-04-T1	FR DIODE		
	D1321	ERA18-04-T1	FR DIODE		
	D1322	ERA18-04-T1	FR DIODE		
	D1324	MTZJ2.0A-T2	ZENER DIODE		
	D1326	MTZJ5.1C-T2	ZENER DIODE		
	D1327	FMB-24	FUSEIODE		
	D1328	FMB-24	FUSEIODE		
	D1329	ERA18-04-T1	FR DIODE		
	DI901	QLF0072-001	FL TUBE		
	EP951	QNZ0136-001Z	EARTH PLATE		
	FC951	QNG0003-001Z	FUSE CLIP		
	FC952	QNG0003-001Z	FUSE CLIP		
	FL951	E67132-T1R6	T1R6 FUSE LABEL		*1,4U,A,UF
	FS201	PU59915-105	SPACER		
	FS202	PU59915-105	SPACER		
	HS951	LV41785-001A	HEAT SINK		*1,4U,A,UF
	IC901	MN101C35DGA	IC	MASK	
	IC902	IC-PST574C-T	IC		
	IC903	GP1U271X	RM RECIVER		
	IC951	STR-G6651	IC		
	IC952	PC123FY	IC(PHOTO COUPLE		*1,4U,A,UF
	IC952	PC123F	IC(PHOTO COUPLE		J
	IC953	PC123FY	IC(PHOTO COUPLE		*1,4U,A,UF
	IC953	PC123F	IC(PHOTO COUPLE		J
	IC954	PQ05RF1	IC		
	IC955	SI-3033C	IC		
	J 951	QNC0006-001	AC SOCKET		*1,4U,A,UF
	J 951	QNC0046-001	AC INLET		J
	K 951	QQR0601-001Z	FERRITE BEADS		
	K 952	QQR0601-001Z	FERRITE BEADS		
	K 953	QQR0601-001Z	FERRITE BEADS		
	K 954	QQR0601-001Z	FERRITE BEADS		
	K 955	QQR0601-001Z	FERRITE BEADS		
	K 956	QQR0601-001Z	FERRITE BEADS		
	L1301	QQL31AK-101Z	INDUCTOR		
	L1302	QQL31AK-101Z	INDUCTOR		
	L1303	QQL31AK-101Z	INDUCTOR		
	L1304	QQL31AK-101Z	INDUCTOR		
	L1305	QQL31AK-101Z	INDUCTOR		
	Q 901	DTA144ESA-T	DIGITAL.TR TAPE		
	Q 902	2SC1741AS/QR/-T	TRANSISTOR		

***1:EG,EN,ES**

■ **Electrical parts list (Front & Power Supply board : XV-D723GD)** **Block No. 02**

⚠	Item	Parts number	Parts name	Remarks	Area
	Q 903	DTC114YSA-T	D.TR.I.M		
	Q1301	2SD2394/EF/	TRANSISTOR		
	Q1302	2SB1565/EF/	TRANSISTOR		
	Q1303	DTA114YSA-T	D.TR.I.M		
	Q1304	DTC144ESA-T	D.TR.I.M		
	Q1305	DTC144ESA-T	D.TR.I.M		
	Q1306	DTA114YSA-T	D.TR.I.M		
	Q1307	2SA933S/RS/-T	TRANSISTOR		
	Q1310	2SC1740S/RS/-T	TRANSISTOR		
	R1201	QRE141J-105Y	C RESISTOR	1.0M 5% 1/4W	
	R1210	QRE141J-750Y	C RESISTOR	75 5% 1/4W	
	R1211	QRE141J-680Y	C RESISTOR	68 5% 1/4W	
	R1212	QRE141J-750Y	C RESISTOR	75 5% 1/4W	4U,A,J,UF
	R1213	QRE141J-750Y	C RESISTOR	75 5% 1/4W	
	R1214	QRE141J-750Y	C RESISTOR	75 5% 1/4W	
	R1215	QRE141J-750Y	C RESISTOR	75 5% 1/4W	
	R1216	QRE141J-750Y	C RESISTOR	75 5% 1/4W	
	R1217	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R1219	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R1220	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R1300	QRZ9044-335	COMP.RESISTOR	3.3M 1/0W	
	R1301	QRE141J-754Y	C RESISTOR	750K 5% 1/4W	4U,A,UF
	R1301	QRE141J-474Y	C RESISTOR	470K 5% 1/4W	*1,J
	R1302	QRE141J-754Y	C RESISTOR	750K 5% 1/4W	4U,A,UF
	R1302	QRE141J-474Y	C RESISTOR	470K 5% 1/4W	*1,J
	R1303	QRT022J-R47	OMF RESISTOR	5% 1/2W	4U,A,J,UF
	R1303	QRT022J-R56	UNF.MF.RES	5% 1/2W	*1
	R1304	QRE141J-681Y	C RESISTOR	680 5% 1/4W	
	R1305	QRL01DJ-683X	OMF RESISTOR	68K 5% 1/1W	
	R1306	QRE141J-270Y	C RESISTOR	27 5% 1/4W	
	R1307	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	
	R1309	QRL027J-683	OMF RESISTOR	68K 5% 1/2W	
	R1310	QRE141J-331Y	C RESISTOR	330 5% 1/4W	
	R1311	QRE141J-331Y	C RESISTOR	330 5% 1/4W	
	R1312	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R1313	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R1314	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R1315	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R1316	QRE141J-562Y	C RESISTOR	5.6K 5% 1/4W	
	R1317	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R1320	QRE141J-221Y	C RESISTOR	220 5% 1/4W	
	R1321	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R1322	QRE141J-681Y	C RESISTOR	680 5% 1/4W	
	R1323	QRE141J-221Y	C RESISTOR	220 5% 1/4W	
	R1328	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R1329	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R1330	QRE141J-332Y	C RESISTOR	3.3K 5% 1/4W	
	R1350	QRE141J-220Y	C RESISTOR	22 5% 1/4W	
	R1351	QRE141J-220Y	C RESISTOR	22 5% 1/4W	
	R1352	QRE141J-220Y	C RESISTOR	22 5% 1/4W	
	R1353	QRE141J-220Y	C RESISTOR	22 5% 1/4W	
	R1354	QRE141J-220Y	C RESISTOR	22 5% 1/4W	
	R1355	QRE141J-223Y	C RESISTOR	22K 5% 1/4W	
	R1356	QRE141J-220Y	C RESISTOR	22 5% 1/4W	
	R2001	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R2002	QRE141J-331Y	C RESISTOR	330 5% 1/4W	
	RA901	QRB119J-104	R.NETWORK	100K 5% 1/1W	
	RA902	QRB089J-104	R.NETWORK	100K 5% 1/8W	
	RA903	QRB139J-104	R.NETWORK	100K 5% 1/3W	
	RA904	QRB139J-104	R.NETWORK	100K 5% 1/3W	
	RA905	QRB039J-472	R.NETWORK	4.7K 5% 1/3W	
	S 901	QSW0499-001Z	PUSH SW I.M	POWER	
	S 902	QSW0499-001Z	PUSH SW I.M	DISPLAY OFF	
	S 903	QSW0499-001Z	PUSH SW I.M	OPEN/CLOSE	
	S 904	QSW0499-001Z	PUSH SW I.M	FWD SKIP	
	S 905	QSW0499-001Z	PUSH SW I.M	BWD SKIP	
	S 906	QSW0499-001Z	PUSH SW I.M	STOP	
	S 907	QSW0499-001Z	PUSH SW I.M	PAUSE	
	S 908	QSW0499-001Z	PUSH SW I.M	PLAY	
⚠	T 951	QQR0894-001	LINE FILTER		
⚠	T 952	QQS0068-001	SW TRANSF		
	X 901	QAX0246-001Z	RESONATOR I.M		

***1:EG,EN,ES**

■ **Electrical parts list (Audio & Video board : XV-D723GD)** **Block No. 03**

⚠	Item	Parts number	Parts name	Remarks	Area
	C 701	QTE1A28-108Z	E CAPACITOR		4U,A,J,UF
	C 702	QCZ0205-155Z	ML C CAPACITOR	1.5MF	4U,A,J,UF
	C 703	QTE1A28-108Z	E CAPACITOR		4U,A,J,UF
	C 704	QTE1A28-107Z	E CAPACITOR		4U,A,J,UF
	C 705	QCZ0205-155Z	ML C CAPACITOR	1.5MF	4U,A,J,UF
	C 706	QTE1H28-475Z	E CAPACITOR		4U,A,J,UF
	C 707	QTE1H28-475Z	E CAPACITOR		4U,A,J,UF
	C 711	QTE1A28-108Z	E CAPACITOR		4U,A,J,UF
	C 712	QTE1A28-108Z	E CAPACITOR		4U,A,J,UF
	C 713	QTE1A28-108Z	E CAPACITOR		4U,A,J,UF
	C 714	QTE1A28-107Z	E CAPACITOR		4U,A,J,UF
	C 715	QCZ0205-155Z	ML C CAPACITOR	1.5MF	4U,A,J,UF
	C 716	QTE1H28-475Z	E CAPACITOR		4U,A,J,UF
	C 717	QTE1H28-475Z	E CAPACITOR		4U,A,J,UF
	C 718	QTE1H28-475Z	E CAPACITOR		4U,A,J,UF
	C 722	QCS11HJ-101	C CAPACITOR	100PF 5% 50V	4U,A,J,UF
	C 743	QTE1C27-228	E CAPACITOR		4U,A,J,UF
	C 744	QTE0J28-227Z	E CAPACITOR		4U,A,J,UF
	C 745	QCZ0205-155Z	ML C CAPACITOR	1.5MF	4U,A,J,UF
	C 751	QTE1A28-108Z	E CAPACITOR		*1
	C 752	QCZ0205-155Z	ML C CAPACITOR	1.5MF	*1
	C 753	QTE1A28-108Z	E CAPACITOR		*1
	C 754	QTE1A28-108Z	E CAPACITOR		*1
	C 755	QTE1A28-108Z	E CAPACITOR		*1
	C 756	QTE1A28-108Z	E CAPACITOR		*1
	C 757	QTE1A28-108Z	E CAPACITOR		*1
	C 758	QTE1H28-475Z	E CAPACITOR		*1
	C 759	QTE1H28-475Z	E CAPACITOR		*1
	C 760	QTE1H28-475Z	E CAPACITOR		*1
	C 761	QTE1H28-475Z	E CAPACITOR		*1
	C 762	QTE1H28-475Z	E CAPACITOR		*1
	C 763	QTE1H28-475Z	E CAPACITOR		*1
	C 764	QTE1H28-475Z	E CAPACITOR		*1
	C 769	QCS11HJ-101	C CAPACITOR	100PF 5% 50V	*1
	C 770	QTE1A28-107Z	E CAPACITOR		*1
	C 771	QCZ0205-155Z	ML C CAPACITOR	1.5MF	*1
	C 772	QTE1A28-107Z	E CAPACITOR		*1
	C 773	QCZ0205-155Z	ML C CAPACITOR	1.5MF	*1
	C 774	QTE1A28-107Z	E CAPACITOR		*1
	C 775	QCZ0205-155Z	ML C CAPACITOR	1.5MF	*1
	C 776	QTE1C27-228	E CAPACITOR		*1
	C 777	QTE0J28-227Z	E CAPACITOR		*1
	C 778	QCZ0205-155Z	ML C CAPACITOR	1.5MF	*1
	C 791	QCS11HJ-471	C CAPACITOR	470PF 5% 50V	*1
	C 792	QCS11HJ-471	C CAPACITOR	470PF 5% 50V	*1
	C 801	QFLC1HJ-182Z	M CAPACITOR	1800PF 5% 50V	
	C 802	QFLC1HJ-182Z	M CAPACITOR	1800PF 5% 50V	
	C 803	QTE1E48-476Z	E CAPACITOR		
	C 804	QTE1E48-476Z	E CAPACITOR		
	C 805	QTE1C28-337Z	E.CAPA I/M		
	C 806	QTE1C28-337Z	E.CAPA I/M		
	C 807	QTE1C28-337Z	E.CAPA I/M		
	C 808	QTE1C28-337Z	E.CAPA I/M		
	C 809	QFP31HG-103Z	PP CAPACITOR	.010MF 50V	
	C 810	QFP31HG-103Z	PP CAPACITOR	.010MF 50V	
	C 811	QFN31HJ-561Z	M.CAPA I.M	560PF 5% 50V	
	C 812	QFN31HJ-561Z	M.CAPA I.M	560PF 5% 50V	
	C 813	QFLC1HJ-272Z	M.CAPA. I.M	2700PF 5% 50V	
	C 814	QFLC1HJ-272Z	M.CAPA. I.M	2700PF 5% 50V	
	C 815	QFN31HJ-333Z	M.CAPACITOR	.033MF 5% 50V	
	C 816	QFN31HJ-333Z	M.CAPACITOR	.033MF 5% 50V	
	C 817	QFP31HG-121Z	PP CAPACITOR	120PF 50V	
	C 818	QFP31HG-121Z	PP CAPACITOR	120PF 50V	
	C 819	QFLC1HJ-561Z	M.CAPA I.M	560PF 5% 50V	

⚠	Item	Parts number	Parts name	Remarks	Area
	C 820	QFLC1HJ-561Z	M.CAPA I.M	560PF 5% 50V	
	C 821	QTE0J24-338Z	E.CAPA I/M		
	C 822	QTE0J24-338Z	E.CAPA I/M		
	C 823	QCZ0205-155Z	ML C CAPACITOR	1.5MF	
	C 824	QCZ0205-155Z	ML C CAPACITOR	1.5MF	
	C 825	QFVJ1HJ-224Z	MF CAPACITOR	.22MF 5% 50V	
	C 826	QTE0J28-477Z	E CAPACITOR		
	C 827	QFN31HJ-103Z	M CAPACITOR	.010MF 5% 50V	
	C 828	QCZ0205-155Z	ML C CAPACITOR	1.5MF	
	C 829	QCZ0205-155Z	ML C CAPACITOR	1.5MF	
	C 831	QFLC1HJ-152Z	M CAPACITOR	1500PF 5% 50V	
	C 832	QFLC1HJ-152Z	M CAPACITOR	1500PF 5% 50V	
	C 841	QFLC1HJ-222Z	M CAPACITOR	2200PF 5% 50V	
	C 842	QFLC1HJ-222Z	M CAPACITOR	2200PF 5% 50V	
	C 843	QTE1E28-476Z	E CAPACITOR		
	C 844	QTE1E28-476Z	E CAPACITOR		
	C 845	QTE1C28-227Z	E CAPACITOR		
	C 846	QTE1C28-227Z	E CAPACITOR		
	C 847	QTE1C28-227Z	E CAPACITOR		
	C 848	QTE1C28-227Z	E CAPACITOR		
	C 849	QFN31HJ-152Z	M CAPACITOR	1500PF 5% 50V	
	C 850	QFN31HJ-152Z	M CAPACITOR	1500PF 5% 50V	
	C 851	QFLC1HJ-123Z	M CAPACITOR	.012MF 5% 50V	
	C 852	QFLC1HJ-123Z	M CAPACITOR	.012MF 5% 50V	
	C 853	QFLC1HJ-101Z	M.CAPA. I.M	100PF 5% 50V	
	C 854	QFLC1HJ-101Z	M.CAPA. I.M	100PF 5% 50V	
	C 855	QFN31HJ-333Z	M.CAPACITOR	.033MF 5% 50V	
	C 856	QFN31HJ-333Z	M.CAPACITOR	.033MF 5% 50V	
	C 857	QFLC1HJ-102Z	M CAPACITOR	1000PF 5% 50V	
	C 858	QFLC1HJ-102Z	M CAPACITOR	1000PF 5% 50V	
	C 859	QTE0J28-477Z	E CAPACITOR		
	C 860	QTE0J28-477Z	E CAPACITOR		
	C 861	QCZ0205-155Z	ML C CAPACITOR	1.5MF	
	C 862	QCZ0205-155Z	ML C CAPACITOR	1.5MF	
	C 863	QCZ0205-155Z	ML C CAPACITOR	1.5MF	
	C 864	QCZ0205-155Z	ML C CAPACITOR	1.5MF	
	C 866	QFN31HJ-103Z	M CAPACITOR	.010MF 5% 50V	
	C 867	QFVJ1HJ-224Z	MF CAPACITOR	.22MF 5% 50V	
	C 868	QTE0J28-477Z	E CAPACITOR		
	C 869	QFLC1HJ-152Z	M CAPACITOR	1500PF 5% 50V	
	C 871	QFLC1HJ-152Z	M CAPACITOR	1500PF 5% 50V	
	C 873	QFLC1HJ-222Z	M CAPACITOR	2200PF 5% 50V	
	C 874	QFLC1HJ-222Z	M CAPACITOR	2200PF 5% 50V	
	C 875	QTE1E28-476Z	E CAPACITOR		
	C 876	QTE1E28-476Z	E CAPACITOR		
	C 877	QTE1C28-227Z	E CAPACITOR		
	C 878	QTE1C28-227Z	E CAPACITOR		
	C 879	QTE1C28-227Z	E CAPACITOR		
	C 880	QTE1C28-227Z	E CAPACITOR		
	C 881	QFN31HJ-152Z	M CAPACITOR	1500PF 5% 50V	
	C 882	QFN31HJ-152Z	M CAPACITOR	1500PF 5% 50V	
	C 883	QFLC1HJ-123Z	M CAPACITOR	.012MF 5% 50V	
	C 884	QFLC1HJ-123Z	M CAPACITOR	.012MF 5% 50V	
	C 885	QFN31HJ-333Z	M.CAPACITOR	.033MF 5% 50V	
	C 886	QFN31HJ-333Z	M.CAPACITOR	.033MF 5% 50V	
	C 887	QFLC1HJ-101Z	M.CAPA. I.M	100PF 5% 50V	
	C 888	QFLC1HJ-101Z	M.CAPA. I.M	100PF 5% 50V	
	C 889	QFLC1HJ-102Z	M CAPACITOR	1000PF 5% 50V	
	C 890	QFLC1HJ-102Z	M CAPACITOR	1000PF 5% 50V	
	C 891	QTE0J28-477Z	E CAPACITOR		
	C 892	QTE0J28-477Z	E CAPACITOR		
	C 893	QCZ0205-155Z	ML C CAPACITOR	1.5MF	
	C 894	QCZ0205-155Z	ML C CAPACITOR	1.5MF	
	C 895	QCZ0205-155Z	ML C CAPACITOR		

***1:EG,EN,ES**

■ **Electrical parts list (Audio & Video board : XV-D723GD)** **Block No. 03**

⚠	Item	Parts number	Parts name	Remarks	Area
	C 897	QTE0J28-477Z	E CAPACITOR		
	C 898	QFVJ1HJ-224Z	MF CAPACITOR	.22MF 5% 50V	
	C 899	QFN31HJ-103Z	M CAPACITOR	.010MF 5% 50V	
	C 900	QCZ0205-155Z	ML C CAPACITOR	1.5MF	
	C 901	QTE0J28-477Z	E CAPACITOR		
	C 902	QTE1C28-477Z	E CAPACITOR		
	C 903	QTE1C28-477Z	E CAPACITOR		
	C 911	QCF31HZ-223Z	C CAPACITOR	.022MF +80:-20%	
	C 921	QCBB1HK-561Y	C CAPACITOR	560PF 10% 50V	
	C 922	QCFB1HZ-104Y	C CAPACITOR	.10MF +80:-20%	
	C 923	QTE1A28-107Z	E CAPACITOR		
	C 924	QCBB1HK-151Y	C CAPACITOR	150PF 10% 50V	
	C 925	QTE1E28-476Z	E CAPACITOR		
	C 926	QCZ0205-155Z	ML C CAPACITOR	1.5MF	
	C 927	QDVB1EZ-223Y	C CAPACITOR		
	C9335	QETN1HM-105Z	E CAPACITOR	1.0MF 20% 50V	
	C9336	QETN1HM-105Z	E CAPACITOR	1.0MF 20% 50V	
	CN701	QGF1016C1-11	CONNECTOR		4U,A,J,UF
	CN751	QGF1016C1-11	CONNECTOR		*1
	CN791	QGD2501C1-04Z	SOCKET		*1
	CN801	QGB2510K2-14	CONNECTOR		
	CN802	QGB2510K2-14	CONNECTOR		
	CN803	QGB2510K2-14	CONNECTOR		
	CN811	QGB2510J1-14	CONNECTOR		
	CN812	QGB2510J1-14	CONNECTOR		
	CN813	QGB2510J1-14	CONNECTOR		
	CN831	QGF1016C1-23	CONNECTOR		
	CN935	QGA2501C1-04	4P CONNECTOR		
	D 701	1SS133-T2	SI DIODE		4U,A,J,UF
	D 702	1SS133-T2	SI DIODE		4U,A,J,UF
	D 703	1SS133-T2	SI DIODE		4U,A,J,UF
	D 704	1SS133-T2	SI DIODE		4U,A,J,UF
	D 751	1SS133-T2	SI DIODE		*1
	D 752	1SS133-T2	SI DIODE		*1
	D 753	1SS133-T2	SI DIODE		*1
	D 754	1SS133-T2	SI DIODE		*1
	D 755	1SS133-T2	SI DIODE		*1
	D 756	1SS133-T2	SI DIODE		*1
	D 757	1SS133-T2	SI DIODE		*1
	D 801	1SS133-T2	SI DIODE		
	D 802	1SS133-T2	SI DIODE		
	D 811	1SS133-T2	SI DIODE		
	D 812	1SS133-T2	SI DIODE		
	D 823	1SS133-T2	SI DIODE		
	D 824	1SS133-T2	SI DIODE		
	D 851	MTZJ3.3B-T2	ZENER DIODE IM		
	FS751	VYSH101-009	SPACER		*1
	FW701	QUM153-10DGZ4	F.WIRE		4U,A,J,UF
	FW751	QUM153-10DGZ4	F.WIRE		*1
	FW801	QUM154-34DGZ4	PARA RIBON WIRE		*1
	FW804	QUM154-28DGZ4	F.WIRE		
	IC701	TK15400M-X	IC		4U,A,J,UF
	IC702	TK15401M-X	IC		4U,A,J,UF
	IC711	NJM78M05FA	IC		4U,A,J,UF
	IC751	TK15400M-X	IC		*1
	IC752	TK15400M-X	IC		*1
	IC753	TK15401M-X	IC		*1
	IC754	NJM78M05FA	IC		*1
	IC801	NJM5532L	IC		
	IC802	NJM5532L	IC		
	IC803	MN35505	IC		
	IC811	NJM5532L	IC		
	IC812	NJM5532L	IC		
	IC813	MN35505	IC		

⚠	Item	Parts number	Parts name	Remarks	Area
	IC821	NJM5532L	IC		
	IC822	NJM5532L	IC		
	IC823	MN35505	IC		
	IC831	NJM78M05FA	IC		
	IC851	TC74HC08AF-X	IC		
	IC931	PQ3DZ53-X	IC		
	J 701	QND0019-001	S-CONNECTOR		4U,A,J,UF
	J 702	QNN0278-001	PIN JACK		4U,A,J,UF
	J 703	QNN0277-001	PIN JACK		4U,A,J,UF
	J 751	QND0019-001	S-CONNECTOR	S-VIDEO	*1
	J 752	QNN0278-001	PIN JACK	CV	*1
	J 753	QNZ0099-001	RGB CONNECTOR	SCART	*1
	J 801	QNN0156-001	PIN JACK		
	J 811	QNN0156-001	PIN JACK		
	J 821	QNN0051-001	PIN JACK		
	J 831	QNS0016-001	3.5 JACK	COMPULINK	
	J 841	QNN0029-001	PIN JACK	COAX D.OUT	
	J 851	GP1FA550TZ	OPT TRANSMITTER	OPT D.OUT	
	K 001	QQR0601-001Z	FERRITE BEADS		
	K 002	QQR0601-001Z	FERRITE BEADS		
	K 003	QQR0601-001Z	FERRITE BEADS		
	K 701	QQR0601-001Z	FERRITE BEADS		4U,A,J,UF
	K 702	QQR0601-001Z	FERRITE BEADS		4U,A,J,UF
	K 751	QQR0601-001Z	FERRITE BEADS		*1
	K 752	QQR0601-001Z	FERRITE BEADS		*1
	K 801	QQR0601-001Z	FERRITE BEADS		
	K 802	QQR0601-001Z	FERRITE BEADS		
	K 803	QQR0601-001Z	FERRITE BEADS		
	K 804	QQR0601-001Z	FERRITE BEADS		
	K 811	QQR0601-001Z	FERRITE BEADS		
	K 812	QQR0601-001Z	FERRITE BEADS		
	K 813	QQR0601-001Z	FERRITE BEADS		
	K 814	QQR0601-001Z	FERRITE BEADS		
	K 821	QQR0601-001Z	FERRITE BEADS		
	K 822	QQR0601-001Z	FERRITE BEADS		
	K 823	QQR0601-001Z	FERRITE BEADS		
	K 824	QQR0601-001Z	FERRITE BEADS		
	K 831	QQR0601-001Z	FERRITE BEADS		
	K 832	QQR0601-001Z	FERRITE BEADS		
	K 833	QQR0601-001Z	FERRITE BEADS		
	K 842	QQR0601-001Z	FERRITE BEADS		
	L 701	QQR1088-001	LPF		4U,A,J,UF
	L 702	QQR1088-001	LPF		4U,A,J,UF
	L 703	QQR1088-001	LPF		4U,A,J,UF
	L 704	QQR1089-001	LPF		4U,A,J,UF
	L 751	QQR1089-001	LPF		*1
	L 752	QQR1088-001	LPF		*1
	L 753	QQR1088-001	LPF		*1
	L 754	QQR1088-001	LPF		*1
	L 801	QQL121M-1R0Y	INDUCTOR I.M		
	Q 751	DTC114ESA-T	DIGITAL.TR TAPE		*1
	Q 752	DTA114ESA-T	DIGITAL.TR TAPE		*1
	Q 753	DTC114ESA-T	DIGITAL.TR TAPE		*1
	Q 754	DTC114ESA-T	DIGITAL.TR TAPE		*1
	Q 755	DTC114ESA-T	DIGITAL.TR TAPE		*1
	Q 791	2SD1302/ST/-T	TRANSISTOR		*1
	Q 792	2SD1302/ST/-T	TRANSISTOR		*1
	Q 801	2SD1302/ST/-T	TRANSISTOR		
	Q 802	2SD1302/ST/-T	TRANSISTOR		
	Q 803	2SD1302/ST/-T	TRANSISTOR		
	Q 804	2SD1302/ST/-T	TRANSISTOR		
	Q 805	DTA114ESA-T	DIGITAL.TR TAPE		
	Q 806	DTA114ESA-T	DIGITAL.TR TAPE		
	Q 811	2SD1302/ST/-T	TRANSISTOR		

***1:EG,EN,ES**

■ **Electrical parts list (Audio & Video board : XV-D723GD)** **Block No. 03**

⚠	Item	Parts number	Parts name	Remarks	Area
	Q 812	2SD1302/ST/-T	TRANSISTOR		
	Q 813	DTA114ESA-T	DIGITAL.TR TAPE		
	Q 821	2SD1302/ST/-T	TRANSISTOR		
	Q 822	2SD1302/ST/-T	TRANSISTOR		
	Q 824	DTA114ESA-T	DIGITAL.TR TAPE		
	R 701	QRA14CF-75R0Y	MF.RES IM	1/4W	4U,A,J,UF
	R 702	QRA14CF-75R0Y	MF.RES IM	1/4W	4U,A,J,UF
	R 703	QRA14CF-75R0Y	MF.RES IM	1/4W	4U,A,J,UF
	R 704	QRA14CF-82R0Y	M.F.RESISTOR	1/4W	4U,A,J,UF
	R 710	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	4U,A,J,UF
	R 711	QRA14CF-75R0Y	MF.RES IM	1/4W	4U,A,J,UF
	R 712	QRA14CF-75R0Y	MF.RES IM	1/4W	4U,A,J,UF
	R 713	QRA14CF-75R0Y	MF.RES IM	1/4W	4U,A,J,UF
	R 714	QRA14CF-75R0Y	MF.RES IM	1/4W	4U,A,J,UF
	R 715	QRA14CF-75R0Y	MF.RES IM	1/4W	4U,A,J,UF
	R 716	QRA14CF-75R0Y	MF.RES IM	1/4W	4U,A,J,UF
	R 723	QRA14CF-1001Y	M.F.RESISTOR	10 1/4W	4U,A,J,UF
	R 724	QRA14CF-1001Y	M.F.RESISTOR	10 1/4W	4U,A,J,UF
	R 725	QRA14CF-1001Y	M.F.RESISTOR	10 1/4W	4U,A,J,UF
	R 751	QRA14CF-75R0Y	MF.RES IM	1/4W	*1
	R 752	QRA14CF-75R0Y	MF.RES IM	1/4W	*1
	R 753	QRA14CF-75R0Y	MF.RES IM	1/4W	*1
	R 754	QRA14CF-75R0Y	MF.RES IM	1/4W	*1
	R 755	QRA14CF-75R0Y	MF.RES IM	1/4W	*1
	R 756	QRA14CF-75R0Y	MF.RES IM	1/4W	*1
	R 757	QRA14CF-75R0Y	MF.RES IM	1/4W	*1
	R 758	QRA14CF-75R0Y	MF.RES IM	1/4W	*1
	R 759	QRA14CF-75R0Y	MF.RES IM	1/4W	*1
	R 760	QRA14CF-75R0Y	MF.RES IM	1/4W	*1
	R 761	QRA14CF-91R0Y	MF.RES IM	1/4W	*1
	R 762	QRA14CF-1501Y	MF.RES IM	15 1/4W	*1
	R 763	QRA14CF-2001Y	MF.RES IM	20 1/4W	*1
	R 764	QRA14CF-1201Y	M.F.RESISTOR	12 1/4W	*1
	R 766	QRE141J-222Y	C RESISTOR	2.2K 5% 1/4W	*1
	R 767	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	*1
	R 768	QRE141J-750Y	C RESISTOR	75 5% 1/4W	*1
	R 769	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	*1
	R 770	QRE141J-681Y	C RESISTOR	680 5% 1/4W	*1
	R 771	QRE141J-681Y	C RESISTOR	680 5% 1/4W	*1
	R 772	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	*1
	R 775	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	*1
	R 776	QRA14CF-2400Y	MF.RES IM	24 1/4W	*1
	R 791	QRE141J-112Y	C RESISTOR	1.1K 5% 1/4W	*1
	R 792	QRE141J-112Y	C RESISTOR	1.1K 5% 1/4W	*1
	R 793	QRE141J-112Y	C RESISTOR	1.1K 5% 1/4W	*1
	R 794	QRE141J-112Y	C RESISTOR	1.1K 5% 1/4W	*1
	R 795	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	*1
	R 796	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	*1
	R 797	QRE141J-151Y	C RESISTOR	150 5% 1/4W	*1
	R 798	QRE141J-151Y	C RESISTOR	150 5% 1/4W	*1
	R 801	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R 802	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R 803	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R 804	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R 805	QRE141J-561Y	C RESISTOR	560 5% 1/4W	
	R 806	QRE141J-561Y	C RESISTOR	560 5% 1/4W	
	R 807	QRE141J-273Y	C RESISTOR	27K 5% 1/4W	
	R 808	QRE141J-273Y	C RESISTOR	27K 5% 1/4W	
	R 809	QRE141J-183Y	C RESISTOR	18K 5% 1/4W	
	R 810	QRE141J-183Y	C RESISTOR	18K 5% 1/4W	
	R 811	QRE141J-821Y	C RESISTOR	820 5% 1/4W	
	R 812	QRE141J-821Y	C RESISTOR	820 5% 1/4W	
	R 813	QRE141J-221Y	C RESISTOR	220 5% 1/4W	
	R 814	QRE141J-221Y	C RESISTOR	220 5% 1/4W	

⚠	Item	Parts number	Parts name	Remarks	Area
	R 815	QRE141J-221Y	C RESISTOR	220 5% 1/4W	
	R 816	QRE141J-221Y	C RESISTOR	220 5% 1/4W	
	R 817	QRA14CF-6200Y	M.F.RESISTOR	62 1/4W	
	R 818	QRA14CF-6200Y	M.F.RESISTOR	62 1/4W	
	R 819	QRA14CF-6800Y	M.F.RESISTOR	68 1/4W	
	R 820	QRA14CF-6800Y	M.F.RESISTOR	68 1/4W	
	R 821	QRE141J-105Y	C RESISTOR	1.0M 5% 1/4W	
	R 822	QRE141J-105Y	C RESISTOR	1.0M 5% 1/4W	
	R 823	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R 824	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R 825	QRE141J-362Y	C RESISTOR	3.6K 5% 1/4W	
	R 826	QRE141J-362Y	C RESISTOR	3.6K 5% 1/4W	
	R 827	QRA14CF-3301Y	MF.RES IM	33 1/4W	
	R 828	QRA14CF-3301Y	MF.RES IM	33 1/4W	
	R 829	QRA14CF-1802Y	M.F.RESISTOR	18 1/4W	
	R 830	QRA14CF-1802Y	M.F.RESISTOR	18 1/4W	
	R 831	QRA14CF-1802Y	M.F.RESISTOR	18 1/4W	
	R 832	QRA14CF-1802Y	M.F.RESISTOR	18 1/4W	
	R 833	QRA14CF-1802Y	M.F.RESISTOR	18 1/4W	
	R 834	QRA14CF-1802Y	M.F.RESISTOR	18 1/4W	
	R 835	QRE141J-362Y	C RESISTOR	3.6K 5% 1/4W	
	R 836	QRE141J-362Y	C RESISTOR	3.6K 5% 1/4W	
	R 837	QRE141J-273Y	C RESISTOR	27K 5% 1/4W	
	R 838	QRE141J-273Y	C RESISTOR	27K 5% 1/4W	
	R 839	QRE141J-273Y	C RESISTOR	27K 5% 1/4W	
	R 840	QRE141J-273Y	C RESISTOR	27K 5% 1/4W	
	R 841	QRE141J-100Y	C RESISTOR	10 5% 1/4W	
	R 842	QRE141J-100Y	C RESISTOR	10 5% 1/4W	
	R 845	QRE141J-332Y	C RESISTOR	3.3K 5% 1/4W	
	R 846	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R 847	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R 848	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R 849	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R 850	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R 851	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R 852	QRE141J-100Y	C RESISTOR	10 5% 1/4W	
	R 854	QRE141J-100Y	C RESISTOR	10 5% 1/4W	
	R 855	QRE141J-473Y	C RESISTOR	47K 5% 1/4W	
	R 856	QRE141J-473Y	C RESISTOR	47K 5% 1/4W	
	R 861	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R 862	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R 863	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R 864	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R 865	QRE141J-561Y	C RESISTOR	560 5% 1/4W	
	R 866	QRE141J-561Y	C RESISTOR	560 5% 1/4W	
	R 867	QRE141J-273Y	C RESISTOR	27K 5% 1/4W	
	R 868	QRE141J-273Y	C RESISTOR	27K 5% 1/4W	
	R 869	QRE141J-183Y	C RESISTOR	18K 5% 1/4W	
	R 870	QRE141J-183Y	C RESISTOR	18K 5% 1/4W	
	R 871	QRE141J-821Y	C RESISTOR	820 5% 1/4W	
	R 872	QRE141J-821Y	C RESISTOR	820 5% 1/4W	
	R 873	QRE141J-221Y	C RESISTOR	220 5% 1/4W	
	R 874	QRE141J-221Y	C RESISTOR	220 5% 1/4W	
	R 875	QRE141J-221Y	C RESISTOR	220 5% 1/4W	
	R 876	QRE141J-221Y	C RESISTOR	220 5% 1/4W	
	R 877	QRA14CF-5100Y	MF RES IM	51 1/4W	
	R 878	QRA14CF-5100Y	MF RES IM	51 1/4W	
	R 881	QRA14CF-6800Y	M.F.RESISTOR	68 1/4W	
	R 882	QRA14CF-6800Y	M.F.RESISTOR	68 1/4W	
	R 883	QRE141J-362Y	C RESISTOR	3.6K 5% 1/4W	
	R 884	QRE141J-362Y	C RESISTOR	3.6K 5% 1/4W	
	R 885	QRA14CF-3602Y	MF.RES IM	36 1/4W	
	R 886	QRA14CF-3602Y	MF.RES IM	36 1/4W	
	R 887	QRA14CF-1001Y	M.F.RESISTOR	10 1/4W	

***1:EG,EN,ES**

■ **Electrical parts list (Audio & Video board : XV-D723GD)**

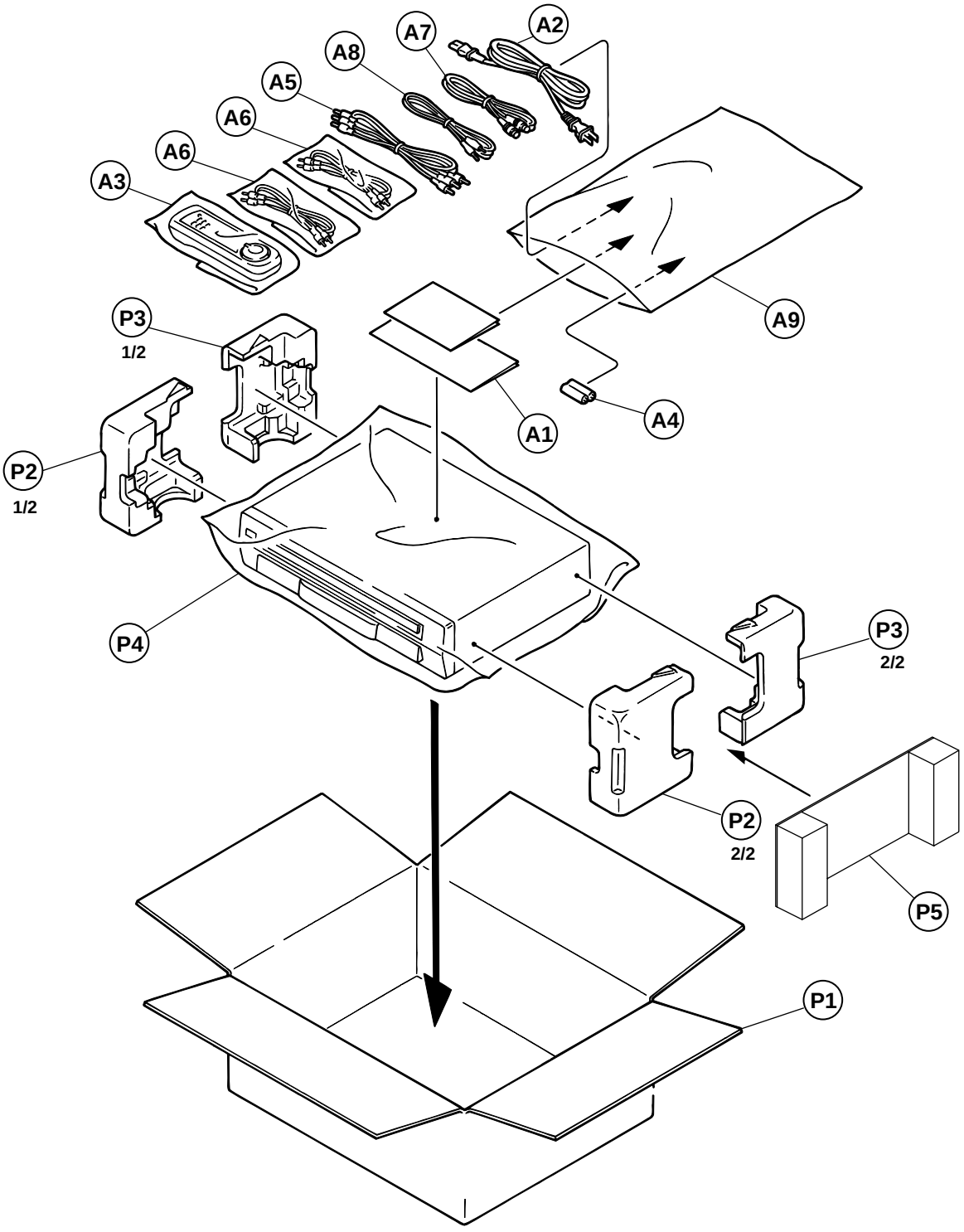
Block No. 03

⚠	Item	Parts number	Parts name	Remarks	Area
	R 888	QRA14CF-1001Y	M.F.RESISTOR	10 1/4W	
	R 889	QRE141J-272Y	C RESISTOR	2.7K 5% 1/4W	
	R 890	QRE141J-272Y	C RESISTOR	2.7K 5% 1/4W	
	R 891	QRA14CF-1802Y	M.F.RESISTOR	18 1/4W	
	R 892	QRA14CF-1802Y	M.F.RESISTOR	18 1/4W	
	R 893	QRA14CF-1802Y	M.F.RESISTOR	18 1/4W	
	R 894	QRA14CF-1802Y	M.F.RESISTOR	18 1/4W	
	R 895	QRE141J-303Y	C RESISTOR	30K 5% 1/4W	
	R 896	QRE141J-303Y	C RESISTOR	30K 5% 1/4W	
	R 897	QRE141J-303Y	C RESISTOR	30K 5% 1/4W	
	R 898	QRE141J-303Y	C RESISTOR	30K 5% 1/4W	
	R 899	QRE141J-100Y	C RESISTOR	10 5% 1/4W	
	R 900	QRE141J-100Y	C RESISTOR	10 5% 1/4W	
	R 903	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R 904	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R 905	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R 906	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R 907	QRE141J-332Y	C RESISTOR	3.3K 5% 1/4W	
	R 908	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R 909	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R 910	QRE141J-100Y	C RESISTOR	10 5% 1/4W	
	R 912	QRE141J-100Y	C RESISTOR	10 5% 1/4W	
	R 913	QRE141J-473Y	C RESISTOR	47K 5% 1/4W	
	R 921	QRE141J-473Y	C RESISTOR	47K 5% 1/4W	
	R 923	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R 924	QRE141J-103Y	C RESISTOR	10K 5% 1/4W	
	R 925	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R 926	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R 927	QRE141J-561Y	C RESISTOR	560 5% 1/4W	
	R 928	QRE141J-561Y	C RESISTOR	560 5% 1/4W	
	R 929	QRE141J-273Y	C RESISTOR	27K 5% 1/4W	
	R 930	QRE141J-273Y	C RESISTOR	27K 5% 1/4W	
	R 931	QRE141J-183Y	C RESISTOR	18K 5% 1/4W	
	R 932	QRE141J-183Y	C RESISTOR	18K 5% 1/4W	
	R 933	QRE141J-821Y	C RESISTOR	820 5% 1/4W	
	R 934	QRE141J-821Y	C RESISTOR	820 5% 1/4W	
	R 935	QRE141J-221Y	C RESISTOR	220 5% 1/4W	
	R 936	QRE141J-221Y	C RESISTOR	220 5% 1/4W	
	R 937	QRE141J-221Y	C RESISTOR	220 5% 1/4W	
	R 938	QRE141J-221Y	C RESISTOR	220 5% 1/4W	
	R 939	QRA14CF-5100Y	MF RES IM	51 1/4W	
	R 940	QRA14CF-5100Y	MF RES IM	51 1/4W	
	R 943	QRA14CF-6800Y	M.F.RESISTOR	68 1/4W	
	R 944	QRA14CF-6800Y	M.F.RESISTOR	68 1/4W	
	R 945	QRE141J-362Y	C RESISTOR	3.6K 5% 1/4W	
	R 946	QRE141J-362Y	C RESISTOR	3.6K 5% 1/4W	
	R 947	QRA14CF-3602Y	MF.RES IM	36 1/4W	
	R 948	QRA14CF-3602Y	MF.RES IM	36 1/4W	
	R 949	QRA14CF-1001Y	M.F.RESISTOR	10 1/4W	
	R 950	QRA14CF-1001Y	M.F.RESISTOR	10 1/4W	
	R 951	QRA14CF-1802Y	M.F.RESISTOR	18 1/4W	
	R 952	QRA14CF-1802Y	M.F.RESISTOR	18 1/4W	
	R 953	QRA14CF-1802Y	M.F.RESISTOR	18 1/4W	
	R 954	QRA14CF-1802Y	M.F.RESISTOR	18 1/4W	
	R 955	QRE141J-272Y	C RESISTOR	2.7K 5% 1/4W	
	R 956	QRE141J-272Y	C RESISTOR	2.7K 5% 1/4W	
	R 957	QRE141J-303Y	C RESISTOR	30K 5% 1/4W	
	R 958	QRE141J-303Y	C RESISTOR	30K 5% 1/4W	
	R 959	QRE141J-303Y	C RESISTOR	30K 5% 1/4W	
	R 960	QRE141J-303Y	C RESISTOR	30K 5% 1/4W	
	R 961	QRE141J-100Y	C RESISTOR	10 5% 1/4W	
	R 962	QRE141J-100Y	C RESISTOR	10 5% 1/4W	
	R 965	QRE141J-332Y	C RESISTOR	3.3K 5% 1/4W	
	R 966	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R 967	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R 968	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R 969	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R 970	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R 971	QRE141J-471Y	C RESISTOR	470 5% 1/4W	
	R 972	QRE141J-100Y	C RESISTOR	10 5% 1/4W	
	R 974	QRE141J-100Y	C RESISTOR	10 5% 1/4W	
	R1001	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R1002	QRE141J-101Y	C RESISTOR	100 5% 1/4W	
	R1011	QRE141J-270Y	C RESISTOR	27 5% 1/4W	
	R1012	QRJ146J-2R2X	UNF C.RES I/M	2.2 5% 1/4W	
	R1013	QRE141J-750Y	C RESISTOR	75 5% 1/4W	
	R1015	QRE141J-331Y	C RESISTOR	330 5% 1/4W	
	R1016	QRE141J-104Y	C RESISTOR	100K 5% 1/4W	
	R1805	QRE141J-362Y	C RESISTOR	3.6K 5% 1/4W	
	R1806	QRE141J-362Y	C RESISTOR	3.6K 5% 1/4W	
	R1825	QRE141J-272Y	C RESISTOR	2.7K 5% 1/4W	
	R1826	QRE141J-272Y	C RESISTOR	2.7K 5% 1/4W	
	R1845	QRE141J-272Y	C RESISTOR	2.7K 5% 1/4W	
	R1846	QRE141J-272Y	C RESISTOR	2.7K 5% 1/4W	
	R9335	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	R9336	QRE141J-102Y	C RESISTOR	1.0K 5% 1/4W	
	S 701	QSW0454-001	SW		4U,A,J,UF
	S 751	QSW0454-001	SW	Y/C CV	*1
	S 752	QSW0454-001	SW	RGB Y/C	*1
	SP701	VYH7653-006	IC HOLDER		4U,A,J,UF
	SP702	VYH7653-006	IC HOLDER		4U,A,J,UF
	SP751	VYH7653-006	IC HOLDER		*1
	SP752	VYH7653-006	IC HOLDER		*1
	SP753	VYH7653-006	IC HOLDER		*1
	SP801	VYH7653-002	IC HOLDER		J
	SP803	VYH7653-002	IC HOLDER		*1,4U,A,UF
	SP813	VYH7653-002	IC HOLDER		
	SP823	VYH7653-002	IC HOLDER		
	SP851	VYH7653-006	IC HOLDER		
	T 801	QQR0880-001	PULSE TRANS		
	WR751	QUB230-03A2A2	SIN TWIST WIRE		

***1:EG,EN,ES**

Packing materials and accessories parts list

Block No. M3MM
Block No. M4MM



■ Packing list (XV-D721BK)

Block No. M3MM

⚠	Item	Parts number	Parts name	Q'ty	Description	Area
	P 1	LV20677-003A	PACKING CASE	1		1U,C,J
		LV20677-010A	PACKING CASE	1		EE
		LV20677-006A	PACKING CASE	1		EG,EN,ES
	P 2	LV20678-201A	PACKING PAD(F)	1		
	P 3	LV20679-201A	PACKING PAD(R)	1		
	P 4	QPC06506515P	POLY BAG	1		

■ Accessories list (XV-D721BK)

Block No. M4MM

⚠	Item	Parts number	Parts name	Q'ty	Description	Area
	A 1	LET0486-001A	INST BOOK	1		1U
		LET0486-002A	INST BOOK	1		C
		LET0486-013A	INST BOOK	1		EE
		LET0486-005A	INST BOOK	1		EG
		LET0486-007A	INST BOOK	1		EG
		LET0486-006A	INST BOOK	1		EG
		LET0486-011A	INST BOOK	1		EN
		LET0486-010A	INST BOOK	1		EN
		LET0486-012A	INST BOOK	1		EN
		LET0486-005A	INST BOOK	1		EN
		LET0486-009A	INST BOOK	1		ES
		LET0486-008A	INST BOOK	1		ES
		LET0486-001A	INST BOOK	1		J
⚠	A 2	QMPL080-183-JC	POWER CORD	1		1U,EE,EG,EN,ES
		QMPE090-183-JD	POWER CORD	1		C,J
	A 3	RM-SXVD721J	REMOCON UNIT	1		1U,C,J
		RM-SXVD721E	REMOCON UNIT	1		EE,EG,EN,ES
	A 4	----------	BATTERY	2		
	A 5	PEAC0359-120	AV CORD 3P	1		
	A 6	EWP302-011W	SIGNAL CORD	2		
	A 7	QAM0004-002	S-VIDEO CORD	1		
	A 8	EWP805-001W	REMOTE WIRE	1		1U,C,J
	A 9	QPC02504015P	POLY BAG	1		
	A 10	QAM0112-001	AC PLUG ADAPTER	1		1U
	A 11	YU20333	SAFETY INST.	1		J
	A 12	BT-51020-2	J=REGIST CARD	1		J
	A 13	LV42169-001A	INST SHEET	1		EE,EG,EN,ES
	A 14	BT-52004-1	WARRANTY CARD	1		C
		BT-54013-1	WARRANTY CARD	1		EE
		BT-54008-2	WARRANTY CARD	1		EG,EN,ES
	A 16	BT-20071B	JVC CENTER LIST	1		C

■ Packing list (XV-D723GD)

Block No. M3MM

⚠	Item	Parts number	Parts name	Q'ty	Description	Area
	P 1	LV20677-017A	PACKING CASE	1		4U
		LV20677-018A	PACKING CASE	1		A
		LV20677-008A	PACKING CASE	1		EG,EN,ES
		LV20677-004A	PACKING CASE	1		J
		LV20677-019A	PACKING CASE	1		UF
	P 2	LV20678-201A	PACKING PAD(F)	1		4U,A,EG,EN,ES,J
		LV20786-001A	PACKING PAD(F)	1		UF
	P 3	LV20679-201A	PACKING PAD(R)	1		4U,A,EG,EN,ES,J
		LV20787-001A	PACKING PAD(R)	1		UF
	P 4	QPC06506515P	POLY BAG	1		
	P 5	LV31955-001A	SHEET ASSY	1		A

■ Accessories list (XV-D723GD)

Block No. M4MM

⚠	Item	Parts number	Parts name	Q'ty	Description	Area
	A 1	LET0486-016A	INST BOOK	1		4U
		LET0486-017A	INST BOOK	1		4U
		LET0486-014A	INST BOOK	1		4U,A
		LET0486-005A	INST BOOK	1		EG,EN
		LET0486-007A	INST BOOK	1		EG
		LET0486-006A	INST BOOK	1		EG
		LET0486-012A	INST BOOK	1		EN
		LET0486-011A	INST BOOK	1		EN
		LET0486-010A	INST BOOK	1		EN
		LET0486-009A	INST BOOK	1		ES
		LET0486-008A	INST BOOK	1		ES
		LET0486-001A	INST BOOK	1		J
		LET0486-019A	INST BOOK	1		UF
⚠	A 2	QMP39F0-183JE	POWER CORD	1		4U
		QMP25D0-183	POWER CORD	1		A
		QMPL080-183-JC	POWER CORD	1		EG,EN,ES
		QMPE090-183-JD	POWER CORD	1		J
		QMPS020-183-JC	POWER CORD	1		UF
	A 3	RM-SXVD723U	REMOCON UNIT	1		4U,A,UF
		RM-SXVD723E	REMOCON UNIT	1		EG,EN,ES
		RM-SXVD723J	REMOCON UNIT	1		J
	A 4	----------	BATTERY	2		
	A 5	PEAC0359-120	AV CORD 3P	1		
	A 6	EWP302-011W	SIGNAL CORD	2		
	A 7	QAM0004-002	S-VIDEO CORD	1		
	A 8	EWP805-001W	REMOTE WIRE	1		4U,A,J,UF
	A 9	QPC02504015P	POLY BAG	1		
	A 10	QAM0112-001	AC PLUG ADAPTER	1		4U
	A 11	YU20333	SAFETY INST.	1		J
	A 12	BT-51020-2	REGIST CARD	1		J
	A 13	LV42169-001A	INST SHEET	1		EG,EN,ES
	A 14	BT-56001-2	WARRANTY CARD	1		A
		BT-54008-2	WARRANTY CARD	1		EG,EN,ES
		BT-59007-2	WARRANTY CARD	1		UF
	A 15	QPC02503510P	POLY BAG	1		A
	A 16	BT-56002-2	SVC CENTER LIST	1		A
		BT-59009-1	SVC CENTER LIST	1		UF

<<MEMO>>